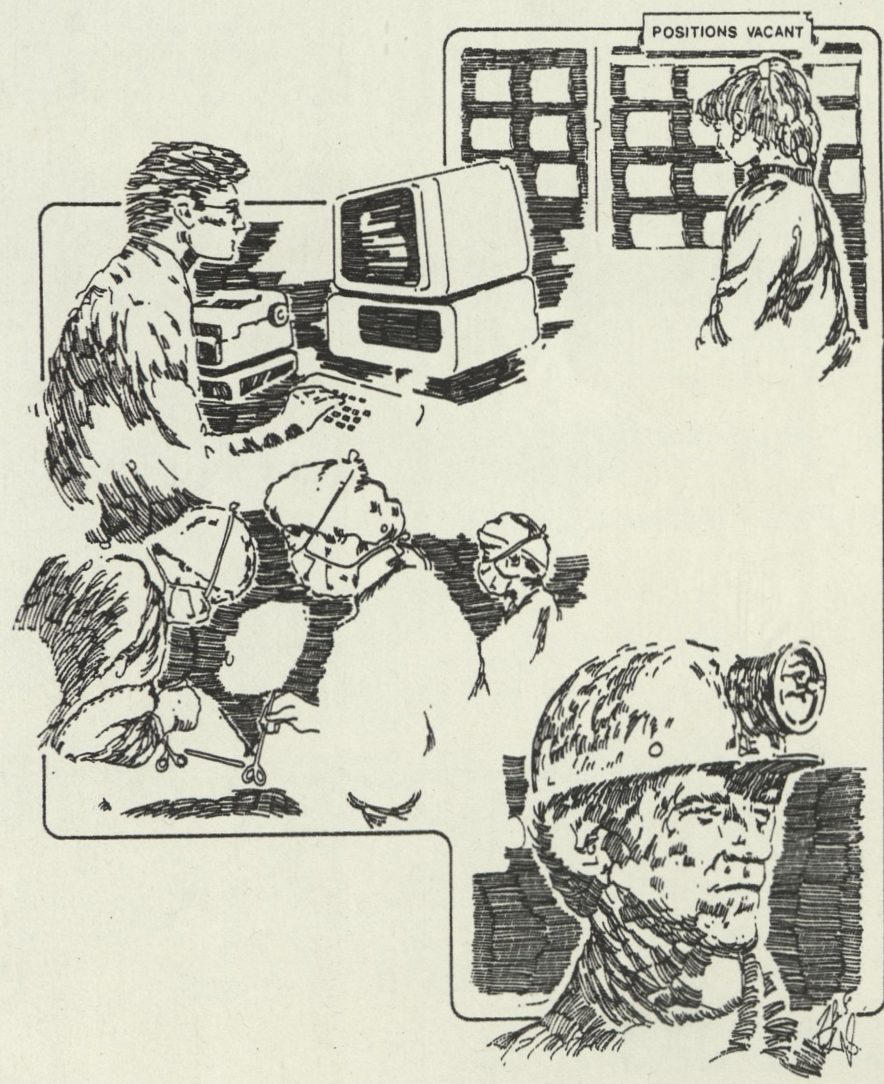


MAY 1990

THE LABOUR FORCE QUEENSLAND



THE LABOUR FORCE, QUEENSLAND, MAY 1990

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SUMMARY OF FINDINGS

Seasonally Adjusted

Seasonally adjusted employment in Queensland rose slightly in May 1990, while the labour force increased by 4,200 (0.3 per cent) from the April 1990 figures. There has been a rise in the unemployment rate from 7.6 per cent in April 1990 to 7.8 per cent in May 1990.

LABOUR FORCE, QUEENSLAND
(Seasonally adjusted series)

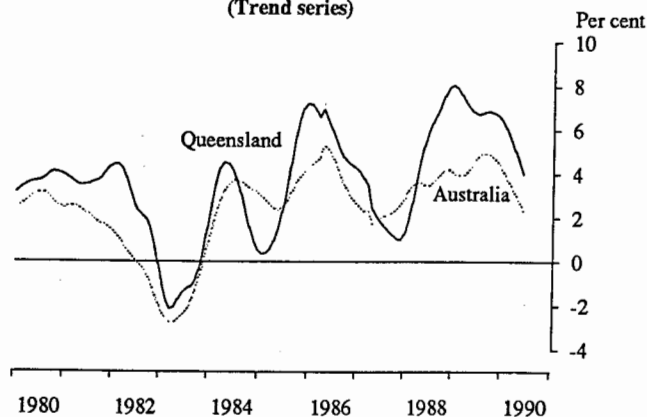
Particulars	Unit	May 1989	March 1990	April 1990	May 1990	Annual percentage change
Employed	'000	1,273.7	1,319.8	1,320.3	1,321.1	+ 3.7
Unemployed	'000	94.2	100.8	108.9	112.5	+19.4
Unemployment rate	%	6.9	7.1	7.6	7.8	..
Participation rate	%	63.2	63.8	64.1	64.1	..
Labour force	'000	1,368.0	1,420.5	1,429.3	1,433.5	+ 4.8

Employment and the labour force also rose for Australia, with the unemployment rate for Australia rising from 6.2 per cent to 6.5 per cent over the same period.

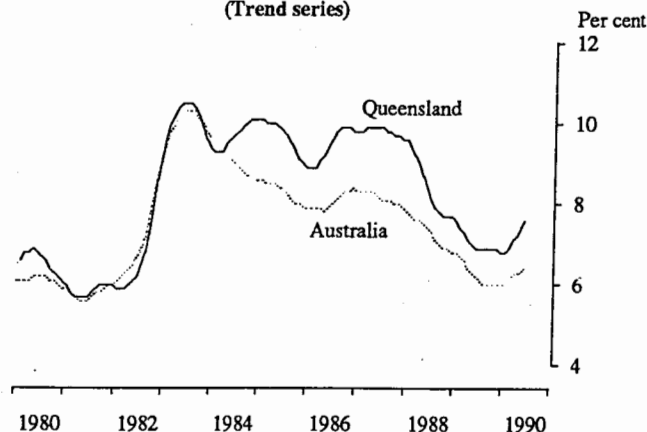
Trend Series

Trend series data charted below show employment growth in Queensland continues above the Australian level. Employment in Queensland increased by 4.0 per cent in the 12 months to May 1990 compared with a 2.3 per cent increase for Australia. These figures represent a continuation of the decline in the rate of growth in employment. The trend series unemployment rate for Queensland has exceeded the corresponding Australian rate since March 1984. The gap narrowed to a low of 0.7 percentage points between January and May 1989. The May 1990 trend series unemployment rate was 7.6 per cent for Queensland (an increase of 0.7 percentage points since May 1989) and 6.4 per cent for Australia (an increase of 0.2 percentage points since May 1989).

EMPLOYED PERSONS: ANNUAL PERCENTAGE CHANGE
(Trend series)



UNEMPLOYMENT RATE
(Trend series)



Regional Estimates

The unemployment rate in May 1990 was 7.9 per cent for the Brisbane Statistical Division (BSD) and 7.8 per cent for the Balance of Queensland. May 1990 is the first month since the introduction of the new Labour Force Dissemination Regions in September 1987 that BSD has had a higher unemployment rate than Balance of Queensland. Participation rates were 65.3 per cent and 64.0 per cent, respectively.

The South and East BSD Balance which includes Logan City, Redland Shire and parts of Albert and Beaudesert Shires had the highest unemployment rate in the BSD at 10.1 per cent. This was almost 4 percentage points higher than the unemployment rate for Brisbane City Inner Ring.

Of the regions outside the BSD, North and West Moreton region which includes the area to the near north and west of the BSD had the highest unemployment rate, (10.1 per cent). Wide Bay-Burnett region continued to have the State's lowest participation rate (56.7 per cent) compared with the South and East BSD Balance participation rate of 71.0 per cent.

SUMMARY OF FINDINGS – *continued*

Youth Estimates

The number of 15 to 19 year olds in the labour force in Queensland fell by 2,900 from April 1990 to 162,100 persons in May 1990, while employment decreased by 2,800. The unemployment rate rose from 19.9 per cent in April 1990 to 20.3 per cent in May 1990 for this group.

The group aged 20 to 24 years in the labour force decreased slightly to 195,000 persons in May 1990. Employment in this age group fell by 1,200 persons, which when combined with the smaller decrease in the size of the labour force resulted in a rise in the unemployment rate for this group from 10.5 per cent in April 1990 to 10.7 per cent in May 1990.

Employment and Unemployment Change for Selected Groups

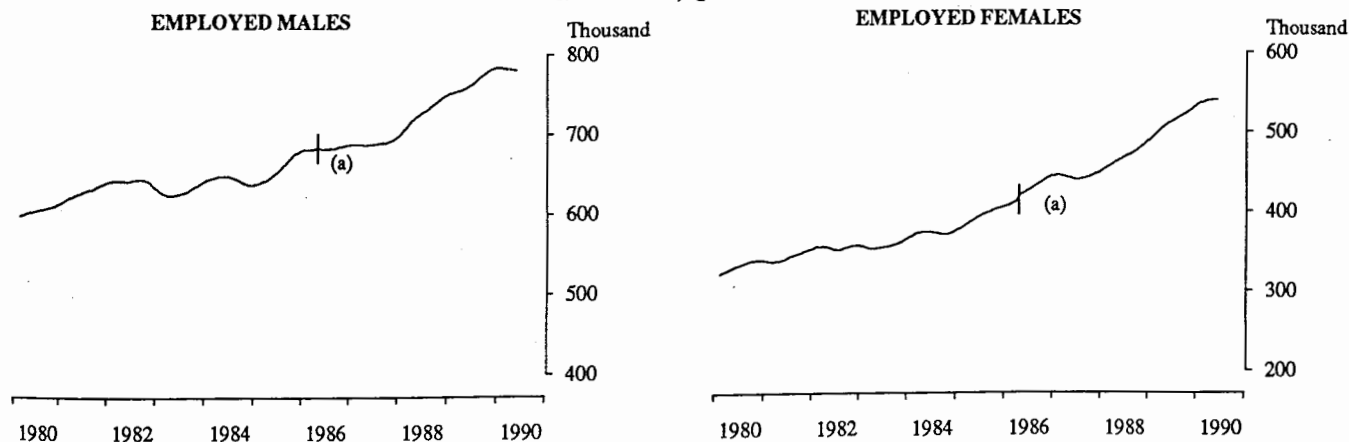
In the original series the number of employed persons increased by 47,900 (3.7 per cent) in the last 12 months. Full-time employment accounted for 71 per cent of this increase. The number of unemployed persons increased by 18,300 (19.3 per cent) during the same period. The summary table below shows, for various groups in Queensland, the change in employment and unemployment in the year to May 1990.

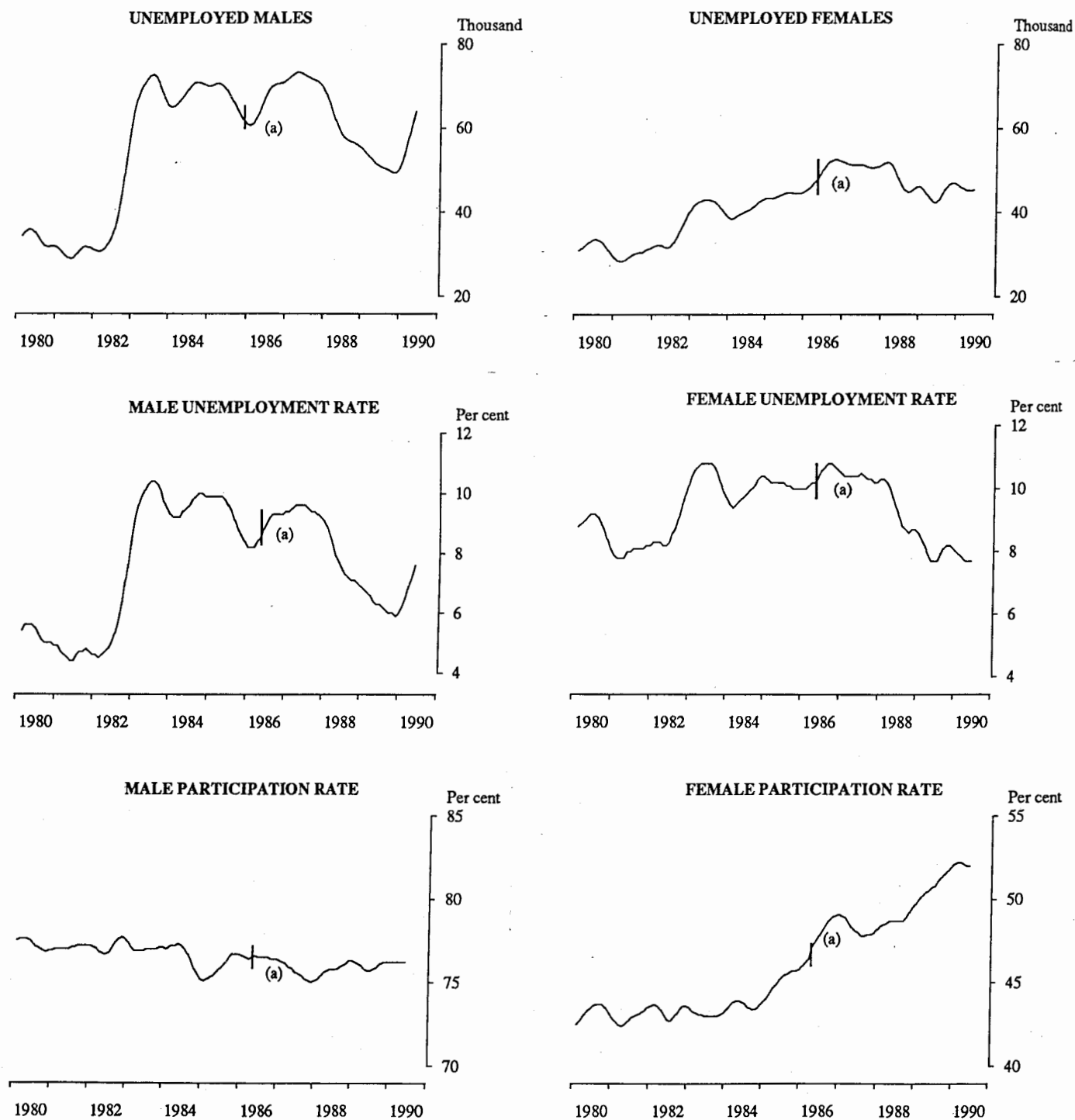
Particulars	Employed ('000)		Annual percentage change	Unemployed ('000)		Annual percentage change
	May 1989	May 1990		May 1989	May 1990	
Males	763.7	783.3	+ 2.6	50.5	66.9	+ 32.5
Females	519.0	547.3	+ 5.5	44.3	46.2	+ 4.3
Married females	317.7	341.1	+ 7.4	21.0	17.1	- 18.6
Persons aged (years)						
15 - 19	129.8	129.3	- 0.4	25.0	32.9	+ 31.6
20 - 24	174.1	174.2	+ 0.1	16.7	20.8	+ 24.6
25 - 44	657.7	689.7	+ 4.9	37.2	39.9	+ 7.3
45 and over	321.1	337.4	+ 5.1	15.9	19.5	+ 22.6
Full-time workers	1,015.8	1,049.6	+ 3.3	..	..	..
Part-time workers	266.9	281.0	+ 5.3	..	..	..
Looking for full-time work	..	..	..	72.5	93.1	+ 28.4
Looking for part-time work	..	..	..	22.3	20.0	- 9.9
Selected industries						
Construction	111.4	112.5	+ 1.0	6.4	10.5	+ 64.1
Wholesale and retail trade	275.6	298.8	+ 8.4	9.7	16.4	+ 69.1
Community services	210.2	222.8	+ 6.0	5.8	4.3	- 25.9
Recreation, personal and other services	103.4	114.2	+ 10.4	7.8	7.7	- 1.3
Brisbane Statistical Division	606.4	617.0	+ 1.7	37.8	52.8	+ 39.7
Balance of Queensland	676.4	713.6	+ 5.5	57.0	60.3	+ 5.8
Queensland	1,282.7	1,330.6	+ 3.7	94.8	113.1	+ 19.3

Female participation in the labour force has increased over the last 12 months. The participation rate for females rose from 51.6 per cent in May 1989 to 52.6 per cent in May 1990. A 5.5 per cent rise in the number of employed females and a 4.3 per cent rise in the number of unemployed females contributed to this increase.

The number of persons employed in recreation, personal and other services rose by 10,800 (10.4 per cent) continuing the substantial movement of employees to these industries. While the number of persons employed in the construction industry increased by only 1.0 per cent, this is in contrast to a 64.1 per cent rise in unemployed persons last employed in that industry.

TREND SERIES, QUEENSLAND



SUMMARY OF FINDINGS – *continued*TREND SERIES, QUEENSLAND – *continued*

(a) Indicates break in series. Prior to April 1986 unpaid family helpers who worked 1 to 14 hours a week were defined as unemployed or not in the labour force. From April 1986 they were defined as employed persons.

NOTES

This publication contains estimates of the civilian labour force, including estimates for Queensland regions, derived from the labour force survey part of the monthly population survey.

Explanatory Notes are located at the back of this publication.

TABLE 1 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unem- ployment rate	Partici- pation rate
	Full-time	Total	Looking for full- time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
1989 —									
March	699.8	754.1	47.3	54.5	808.7	256.0	1,064.6	6.7	76.0
April	701.8	754.9	46.5	53.4	808.3	259.8	1,068.1	6.6	75.7
May	708.3	763.7	42.9	50.5	814.2	257.4	1,071.6	6.2	76.0
June	708.5	764.9	45.2	49.5	814.3	260.7	1,075.1	6.1	75.7
July	710.0	765.4	43.8	48.6	814.0	264.4	1,078.4	6.0	75.5
August	701.2	764.2	43.1	49.3	813.5	268.3	1,081.7	6.1	75.2
September	716.0	778.7	41.2	47.1	825.8	259.3	1,085.1	5.7	76.1
October	718.9	782.1	38.7	45.1	827.2	261.2	1,088.4	5.4	76.0
November	713.2	784.5	38.9	44.6	829.1	262.6	1,091.7	5.4	75.9
December	729.8	793.2	44.2	50.6	843.8	251.2	1,095.0	6.0	77.1
1990 —									
January	710.4	775.9	54.1	60.3	836.2	261.5	1,097.7	7.2	76.2
February	721.7	782.1	47.2	56.3	838.4	261.8	1,100.3	6.7	76.2
March	723.4	784.0	51.3	61.1	845.1	257.8	1,102.9	7.2	76.6
April	717.2	777.2	56.5	65.4	842.6	262.9	1,105.5	7.8	76.2
May	720.9	783.3	60.9	66.9	850.3	257.8	1,108.1	7.9	76.7
FEMALES									
1989 —									
March	294.3	500.9	29.4	45.5	546.4	538.3	1,084.6	8.3	50.4
April	297.2	505.4	28.9	46.4	551.8	536.2	1,088.1	8.4	50.7
May	307.4	519.0	29.6	44.3	563.3	528.1	1,091.5	7.9	51.6
June	317.0	519.4	27.4	39.7	559.1	535.8	1,094.9	7.1	51.1
July	314.2	518.1	27.9	40.3	558.4	539.8	1,098.2	7.2	50.8
August	301.8	517.0	29.6	41.2	558.1	543.3	1,101.4	7.4	50.7
September	306.9	524.5	31.4	46.4	570.9	533.9	1,104.7	8.1	51.7
October	310.6	523.6	32.2	46.0	569.7	538.3	1,107.9	8.1	51.4
November	317.0	538.8	27.3	40.9	579.7	531.5	1,111.1	7.1	52.2
December	324.5	544.1	30.8	46.7	590.8	523.5	1,114.3	7.9	53.0
1990 —									
January	316.2	515.2	31.0	43.8	559.0	557.9	1,116.9	7.8	50.0
February	314.5	527.6	34.1	56.9	584.5	535.0	1,119.5	9.7	52.2
March	316.1	537.7	34.4	50.3	588.0	534.1	1,122.1	8.6	52.4
April	319.1	544.6	34.0	48.5	593.0	531.7	1,124.7	8.2	52.7
May	328.8	547.3	32.2	46.2	593.5	533.9	1,127.4	7.8	52.6
PERSONS									
1989 —									
March	994.1	1,255.1	76.7	100.0	1,355.0	794.2	2,149.3	7.4	63.0
April	999.0	1,260.3	75.4	99.8	1,360.1	796.0	2,156.1	7.3	63.1
May	1,015.8	1,282.7	72.5	94.8	1,377.5	785.5	2,163.1	6.9	63.7
June	1,025.4	1,284.3	72.6	89.2	1,373.5	796.5	2,170.0	6.5	63.3
July	1,024.2	1,283.5	71.7	88.9	1,372.4	804.2	2,176.6	6.5	63.1
August	1,003.0	1,281.2	72.7	90.4	1,371.6	811.6	2,183.2	6.6	62.8
September	1,022.9	1,303.1	72.5	93.5	1,396.6	793.1	2,189.8	6.7	63.8
October	1,029.5	1,305.7	70.9	91.1	1,396.8	799.5	2,196.3	6.5	63.6
November	1,030.1	1,323.3	66.1	85.5	1,408.7	794.1	2,202.8	6.1	64.0
December	1,054.3	1,337.3	75.0	97.3	1,434.6	774.7	2,209.4	6.8	64.9
1990 —									
January	1,026.6	1,291.0	85.1	104.1	1,395.2	819.4	2,214.6	7.5	63.0
February	1,036.2	1,309.7	81.3	113.2	1,423.0	796.8	2,219.8	8.0	64.1
March	1,039.5	1,321.7	85.7	111.4	1,433.1	791.8	2,225.0	7.8	64.4
April	1,036.3	1,321.8	90.4	113.8	1,435.6	794.6	2,230.2	7.9	64.4
May	1,049.6	1,330.6	93.1	113.1	1,443.7	791.7	2,235.4	7.8	64.6

TABLE 2 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

	<i>Employed</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	'000	%	%
MALES					
1989 —					
March	753.3	51.1	804.3	6.4	75.6
April	755.2	52.1	807.3	6.5	75.6
May	761.7	50.4	812.0	6.2	75.8
June	763.5	51.4	814.9	6.3	75.8
July	764.6	50.9	815.6	6.2	75.6
August	769.6	50.9	820.5	6.2	75.9
September	775.4	49.9	825.3	6.0	76.1
October	782.1	48.9	831.1	5.9	76.4
November	784.1	49.6	833.7	5.9	76.4
December	783.2	49.3	832.5	5.9	76.0
1990 —					
January	783.5	53.6	837.1	6.4	76.3
February	787.7	50.8	838.5	6.1	76.2
March	783.1	57.3	840.4	6.8	76.2
April	777.4	63.8	841.2	7.6	76.1
May	781.1	66.8	847.9	7.9	76.5
FEMALES					
1989 —					
March	499.8	39.3	539.1	7.3	49.7
April	503.9	43.3	547.2	7.9	50.3
May	512.1	43.9	555.9	7.9	50.9
June	517.2	42.0	559.2	7.5	51.1
July	517.7	43.4	561.1	7.7	51.1
August	519.5	45.3	564.9	8.0	51.3
September	516.5	46.7	563.3	8.3	51.0
October	522.8	51.3	574.1	8.9	51.8
November	530.6	46.1	576.7	8.0	51.9
December	539.1	44.6	583.7	7.6	52.4
1990 —					
January	541.1	44.1	585.2	7.5	52.4
February	533.9	49.1	583.0	8.4	52.1
March	536.6	43.5	580.1	7.5	51.7
April	542.9	45.2	588.1	7.7	52.3
May	539.9	45.7	585.6	7.8	51.9
PERSONS					
1989 —					
March	1,253.1	90.4	1,343.5	6.7	62.5
April	1,259.1	95.4	1,354.5	7.0	62.8
May	1,273.7	94.2	1,368.0	6.9	63.2
June	1,280.8	93.3	1,374.1	6.8	63.3
July	1,282.3	94.4	1,376.7	6.9	63.2
August	1,289.1	96.3	1,385.4	7.0	63.5
September	1,292.0	96.6	1,388.6	7.0	63.4
October	1,305.0	100.2	1,405.2	7.1	64.0
November	1,314.7	95.7	1,410.4	6.8	64.0
December	1,322.4	93.9	1,416.2	6.6	64.1
1990 —					
January	1,324.6	97.7	1,422.2	6.9	64.2
February	1,321.6	99.9	1,421.5	7.0	64.0
March	1,319.8	100.8	1,420.5	7.1	63.8
April	1,320.3	108.9	1,429.3	7.6	64.1
May	1,321.1	112.5	1,433.5	7.8	64.1

TABLE 3 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

	<i>Employed</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	'000	%	%
MALES					
1989 —					
March	755.6	53.0	808.6	6.6	76.0
April	757.3	52.2	809.5	6.4	75.8
May	759.6	51.4	811.0	6.3	75.7
June	762.7	50.9	813.6	6.3	75.7
July	766.7	50.5	817.2	6.2	75.8
August	771.2	50.2	821.3	6.1	75.9
September	775.5	49.8	825.4	6.0	76.1
October	779.5	49.4	829.0	6.0	76.2
November	782.7	49.4	832.1	5.9	76.2
December	784.3	50.2	834.5	6.0	76.2
1990 —					
January	784.5	52.1	836.6	6.2	76.2
February	783.8	54.8	838.5	6.5	76.2
March	782.8	57.9	840.7	6.9	76.2
April	781.7	61.0	842.8	7.2	76.2
May	780.7	63.9	844.6	7.6	76.2
FEMALES					
1989 —					
March	503.0	43.4	546.3	7.9	50.4
April	507.3	42.6	549.8	7.7	50.5
May	510.8	42.4	553.2	7.7	50.7
June	513.6	43.1	556.7	7.7	50.8
July	516.2	44.4	560.6	7.9	51.1
August	519.0	45.7	564.7	8.1	51.3
September	522.1	46.6	568.7	8.2	51.5
October	525.8	47.0	572.9	8.2	51.7
November	530.0	47.0	577.0	8.1	51.9
December	533.8	46.5	580.3	8.0	52.1
1990 —					
January	536.6	45.9	582.6	7.9	52.2
February	538.4	45.5	583.8	7.8	52.2
March	539.4	45.3	584.7	7.7	52.1
April	540.1	45.2	585.3	7.7	52.0
May	540.4	45.4	585.7	7.7	52.0
PERSONS					
1989 —					
March	1,258.5	96.4	1,354.9	7.1	63.0
April	1,264.6	94.8	1,359.3	7.0	63.0
May	1,270.3	93.8	1,364.1	6.9	63.1
June	1,276.3	94.0	1,370.3	6.9	63.1
July	1,282.9	94.9	1,377.8	6.9	63.3
August	1,290.1	95.9	1,386.0	6.9	63.5
September	1,297.6	96.4	1,394.1	6.9	63.7
October	1,305.3	96.5	1,401.8	6.9	63.8
November	1,312.6	96.4	1,409.0	6.8	64.0
December	1,318.1	96.7	1,414.8	6.8	64.0
1990 —					
January	1,321.1	98.0	1,419.1	6.9	64.1
February	1,322.1	100.3	1,422.4	7.1	64.1
March	1,322.2	103.2	1,425.4	7.2	64.1
April	1,321.8	106.2	1,428.0	7.4	64.0
May	1,321.1	109.3	1,430.4	7.6	64.0

TABLE 4 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, MARCH 1990

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	329.8	27.8	357.5	26.6	384.1	112.3	6.9	77.4
Brisbane City Inner Ring	90.5	9.9	100.3	7.5	107.8	40.9	6.9	72.5
Brisbane City Outer Ring	104.3	8.0	112.3	8.5	120.8	36.0	7.0	77.0
South and East BSD Balance	65.8	4.3	70.1	5.7	75.8	14.4	7.6	84.0
North and West BSD Balance	69.3	5.5	74.8	5.0	79.8	21.0	6.2	79.2
<i>Balance of Queensland</i>	393.6	32.9	426.5	34.5	461.0	145.5	7.5	76.0
South and East Moreton	69.9	6.4	76.3	6.4	82.7	28.6	7.7	74.3
North and West Moreton	50.6	7.1	57.6	5.8	63.5	27.6	9.2	69.7
Wide Bay-Burnett	39.8	4.4	44.3	6.4	50.7	23.3	12.6	68.5
Darling Downs and South-West	50.1	2.7	52.8	2.4	55.1	17.9	4.3	75.5
Mackay, Fitzroy and Central-West	82.8	5.5	88.3	6.5	94.8	19.5	6.8	82.9
Northern and North-West	56.4	4.4	60.7	2.4	63.2	18.0	3.9	77.8
Far North	43.9	* 2.5	46.4	4.6	51.0	10.6	9.0	82.8
Total Queensland	723.4	60.6	784.0	61.1	845.1	257.8	7.2	76.6
FEMALES								
<i>Brisbane Statistical Division</i>	161.8	91.6	253.4	22.9	276.3	249.5	8.3	52.6
Brisbane City Inner Ring	51.2	25.2	76.4	5.8	82.2	77.0	7.0	51.6
Brisbane City Outer Ring	51.7	29.1	80.8	6.7	87.5	79.2	7.6	52.5
South and East BSD Balance	32.5	14.1	46.6	4.4	51.0	42.9	8.7	54.3
North and West BSD Balance	26.4	23.2	49.6	6.0	55.6	50.4	10.8	52.5
<i>Balance of Queensland</i>	154.3	130.0	284.2	27.5	311.7	284.6	8.8	52.3
South and East Moreton	29.5	23.4	52.8	5.5	58.4	52.5	9.5	52.6
North and West Moreton	17.2	21.4	38.6	4.1	42.6	45.0	9.5	48.6
Wide Bay-Burnett	16.4	15.7	32.0	3.8	35.8	44.4	10.5	44.6
Darling Downs and South-West	18.5	16.1	34.7	* 2.3	36.9	35.7	* 6.1	50.9
Mackay, Fitzroy and Central-West	30.6	25.0	55.7	4.9	60.6	45.9	8.0	56.9
Northern and North-West	24.1	18.2	42.3	3.6	46.0	32.8	7.9	58.3
Far North	17.9	10.2	28.1	3.3	31.4	28.2	10.5	52.7
Total Queensland	316.1	221.6	537.7	50.3	588.0	534.1	8.6	52.4
PERSONS								
<i>Brisbane Statistical Division</i>	491.6	119.4	611.0	49.5	660.5	361.8	7.5	64.6
Brisbane City Inner Ring	141.7	35.1	176.7	13.2	189.9	118.0	7.0	61.7
Brisbane City Outer Ring	156.0	37.1	193.1	15.1	208.3	115.2	7.3	64.4
South and East BSD Balance	98.3	18.4	116.7	10.1	126.8	57.3	8.0	68.9
North and West BSD Balance	95.7	28.8	124.4	11.0	135.4	71.4	8.1	65.5
<i>Balance of Queensland</i>	547.9	162.9	710.7	61.9	772.7	430.0	8.0	64.2
South and East Moreton	99.4	29.8	129.2	11.9	141.1	81.2	8.4	63.5
North and West Moreton	67.8	28.4	96.2	9.9	106.1	72.6	9.3	59.4
Wide Bay-Burnett	56.2	20.1	76.3	10.2	86.5	67.7	11.8	56.1
Darling Downs and South-West	68.6	18.8	87.4	4.6	92.1	53.6	5.0	63.2
Mackay, Fitzroy and Central-West	113.5	30.6	144.0	11.4	155.4	65.4	7.3	70.4
Northern and North-West	80.5	22.5	103.1	6.1	109.1	50.8	5.6	68.2
Far North	61.8	12.7	74.5	7.9	82.4	38.8	9.6	68.0
Total Queensland	1,039.5	282.2	1,321.7	111.4	1,433.1	791.8	7.8	64.4

TABLE 5 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, APRIL 1990

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	329.2	25.7	354.9	27.7	382.7	114.8	7.2	76.9
Brisbane City Inner Ring	88.4	6.6	95.0	8.4	103.4	41.4	8.1	71.4
Brisbane City Outer Ring	103.1	8.9	112.1	8.2	120.3	37.9	6.8	76.1
South and East BSD Balance	66.0	5.6	71.7	6.4	78.1	14.4	8.2	84.4
North and West BSD Balance	71.6	4.5	76.2	4.7	80.9	21.2	5.8	79.3
<i>Balance of Queensland</i>	388.0	34.3	422.3	37.6	459.9	148.1	8.2	75.6
South and East Moreton	68.4	7.9	76.2	7.4	83.7	28.7	8.9	74.5
North and West Moreton	52.7	5.9	58.6	7.1	65.7	28.8	10.8	69.5
Wide Bay-Burnett	41.1	5.2	46.3	6.7	53.0	21.9	12.6	70.7
Darling Downs and South-West	47.5	3.5	50.9	3.4	54.4	18.0	6.3	75.1
Mackay, Fitzroy and Central-West	80.7	4.1	84.8	7.3	92.1	21.4	7.9	81.1
Northern and North-West	56.5	3.7	60.2	2.3	62.5	17.6	3.7	78.0
Far North	41.2	3.9	45.2	3.4	48.6	11.7	7.1	80.6
Total Queensland	717.2	60.0	777.2	65.4	842.6	262.9	7.8	76.2
FEMALES								
<i>Brisbane Statistical Division</i>	164.4	95.1	259.5	23.0	282.5	244.3	8.2	53.6
Brisbane City Inner Ring	52.3	25.8	78.1	5.5	83.6	73.1	6.6	53.3
Brisbane City Outer Ring	51.6	29.2	80.8	6.6	87.4	81.8	7.6	51.7
South and East BSD Balance	33.5	15.9	49.5	5.4	54.9	41.1	9.9	57.2
North and West BSD Balance	26.9	24.2	51.1	5.5	56.6	48.3	9.7	54.0
<i>Balance of Queensland</i>	154.7	130.4	285.1	25.4	310.5	287.4	8.2	51.9
South and East Moreton	28.2	24.5	52.7	4.5	57.2	52.7	7.8	52.0
North and West Moreton	18.6	22.4	41.0	4.6	45.6	45.7	10.2	50.0
Wide Bay-Burnett	17.9	14.1	32.0	4.1	36.1	43.4	11.3	45.4
Darling Downs and South-West	17.7	16.2	33.9	* 2.2	36.1	38.1	* 6.0	48.6
Mackay, Fitzroy and Central-West	29.6	24.3	53.9	4.3	58.3	48.0	7.4	54.8
Northern and North-West	24.7	17.2	41.9	2.9	44.8	32.9	6.5	57.7
Far North	18.1	11.5	29.7	* 2.8	32.5	26.6	* 8.6	55.0
Total Queensland	319.1	225.5	544.6	48.5	593.0	531.7	8.2	52.7
PERSONS								
<i>Brisbane Statistical Division</i>	493.6	120.8	614.4	50.8	665.2	359.1	7.6	64.9
Brisbane City Inner Ring	140.7	32.4	173.1	13.9	187.0	114.5	7.4	62.0
Brisbane City Outer Ring	154.8	38.1	192.9	14.8	207.7	119.6	7.1	63.5
South and East BSD Balance	99.5	21.6	121.1	11.8	132.9	55.5	8.9	70.5
North and West BSD Balance	98.5	28.8	127.3	10.2	137.5	69.4	7.5	66.4
<i>Balance of Queensland</i>	542.7	164.7	707.4	63.1	770.4	435.5	8.2	63.9
South and East Moreton	96.5	32.4	128.9	11.9	140.8	81.4	8.4	63.4
North and West Moreton	71.3	28.3	99.6	11.7	111.3	74.5	10.5	59.9
Wide Bay-Burnett	59.0	19.3	78.3	10.8	89.1	65.3	12.1	57.7
Darling Downs and South-West	65.1	19.7	84.8	5.6	90.4	56.1	6.2	61.7
Mackay, Fitzroy and Central-West	110.3	28.5	138.8	11.6	150.4	69.4	7.7	68.4
Northern and North-West	81.1	20.9	102.1	5.2	107.3	50.5	4.9	68.0
Far North	59.4	15.5	74.8	6.2	81.1	38.3	7.7	67.9
Total Queensland	1,036.3	285.5	1,321.8	113.8	1,435.6	794.6	7.9	64.4

TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, MAY 1990

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
MALES								
<i>Brisbane Statistical Division</i>	330.2	27.8	358.0	28.9	387.0	111.5	7.5	77.6
Brisbane City Inner Ring	91.0	8.1	99.2	7.0	106.1	42.1	6.5	71.6
Brisbane City Outer Ring	100.2	9.9	110.1	8.6	118.8	34.6	7.3	77.5
South and East BSD Balance	71.1	4.1	75.2	7.7	82.9	14.7	9.3	84.9
North and West BSD Balance	67.9	5.7	73.6	5.7	79.2	20.1	7.1	79.7
<i>Balance of Queensland</i>	390.6	34.7	425.3	38.0	463.3	146.3	8.2	76.0
South and East Moreton	64.2	7.7	71.9	6.7	78.6	27.7	8.5	73.9
North and West Moreton	51.2	6.5	57.7	7.1	64.8	29.0	10.9	69.1
Wide Bay-Burnett	43.2	5.5	48.7	5.7	54.4	23.7	10.5	69.6
Darling Downs and South-West	49.8	3.2	53.0	3.0	56.0	18.0	5.4	75.7
Mackay, Fitzroy and Central-West	82.5	4.6	87.1	8.3	95.3	20.1	8.7	82.6
Northern and North-West	57.9	4.2	62.1	3.4	65.6	17.6	5.3	78.8
Far North	41.8	3.0	44.8	3.8	48.6	10.2	7.8	82.7
Total Queensland	720.9	62.5	783.3	66.9	850.3	257.8	7.9	76.7
FEMALES								
<i>Brisbane Statistical Division</i>	168.2	90.8	258.9	23.9	282.8	245.0	8.4	53.6
Brisbane City Inner Ring	54.4	24.1	78.5	4.9	83.3	73.2	5.8	53.3
Brisbane City Outer Ring	53.0	28.3	81.3	5.7	87.1	79.9	6.6	52.1
South and East BSD Balance	34.3	16.3	50.6	6.4	57.0	42.5	11.2	57.3
North and West BSD Balance	26.5	22.0	48.5	6.9	55.5	49.4	12.5	52.9
<i>Balance of Queensland</i>	160.6	127.8	288.3	22.3	310.6	288.9	7.2	51.8
South and East Moreton	26.6	25.0	51.6	4.1	55.7	52.1	7.3	51.7
North and West Moreton	19.3	22.0	41.3	4.0	45.3	45.6	8.9	49.9
Wide Bay-Burnett	17.9	16.0	33.8	3.2	37.1	46.2	8.7	44.5
Darling Downs and South-West	19.9	12.7	32.6	* 1.9	34.5	39.8	* 5.4	46.4
Mackay, Fitzroy and Central-West	30.7	24.2	54.9	3.4	58.3	48.9	5.9	54.4
Northern and North-West	27.1	16.4	43.5	3.6	47.1	30.3	7.7	60.9
Far North	19.0	11.6	30.5	* 2.0	32.5	26.1	* 6.1	55.5
Total Queensland	328.8	218.5	547.3	46.2	593.5	533.9	7.8	52.6
PERSONS								
<i>Brisbane Statistical Division</i>	498.4	118.6	617.0	52.8	669.8	356.5	7.9	65.3
Brisbane City Inner Ring	145.4	32.2	177.7	11.8	189.5	115.2	6.2	62.2
Brisbane City Outer Ring	153.2	38.3	191.5	14.4	205.8	114.5	7.0	64.3
South and East BSD Balance	105.4	20.4	125.7	14.1	139.8	57.2	10.1	71.0
North and West BSD Balance	94.4	27.7	122.1	12.6	134.7	69.5	9.3	66.0
<i>Balance of Queensland</i>	551.2	162.4	713.6	60.3	773.9	435.3	7.8	64.0
South and East Moreton	90.8	32.7	123.5	10.8	134.3	79.8	8.0	62.7
North and West Moreton	70.5	28.5	99.0	11.1	110.1	74.6	10.1	59.6
Wide Bay-Burnett	61.1	21.4	82.5	9.0	91.5	69.9	9.8	56.7
Darling Downs and South-West	69.8	15.9	85.6	4.9	90.5	57.8	5.4	61.0
Mackay, Fitzroy and Central-West	113.1	28.8	142.0	11.7	153.7	69.0	7.6	69.0
Northern and North-West	85.0	20.6	105.6	7.1	112.7	47.9	6.3	70.2
Far North	60.8	14.6	75.4	5.8	81.1	36.2	7.1	69.1
Total Queensland	1,049.6	281.0	1,330.6	113.1	1,443.7	791.7	7.8	64.6

TABLE 7 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, MAY 1990

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
BRISBANE CITY INNER RING								
15-24	32.2	12.8	44.9	4.4	49.3	20.4	8.8	70.7
15-19	8.1	5.7	13.8	2.4	16.2	12.4	14.8	56.6
20-24	24.1	7.1	31.2	2.0	33.1	8.0	5.9	80.6
25-44	76.5	11.4	87.9	4.8	92.7	17.1	5.2	84.5
45 and over	36.8	8.1	44.8	2.6	47.5	77.8	5.6	37.9
Total	145.4	32.2	177.7	11.8	189.5	115.2	6.2	62.2
BRISBANE CITY OUTER RING								
15-24	29.5	13.3	42.8	6.9	49.7	18.0	13.9	73.5
15-19	10.5	8.7	19.2	4.4	23.7	13.6	18.7	63.5
20-24	19.0	4.6	23.6	2.5	26.1	4.4	9.5	85.7
25-44	75.9	16.3	92.2	5.0	97.2	20.8	5.1	82.3
45 and over	47.7	8.7	56.4	2.5	58.9	75.7	4.2	43.8
Total	153.2	38.3	191.5	14.4	205.8	114.5	7.0	64.3
SOUTH AND EAST BSD BALANCE								
15-24	22.6	5.3	27.9	7.7	35.5	13.0	21.6	73.2
15-19	9.0	3.5	12.5	5.5	18.0	9.6	30.4	65.2
20-24	13.6	* 1.8	15.3	* 2.2	17.5	3.4	* 12.5	83.8
25-44	61.0	11.0	72.1	4.6	76.7	17.3	6.0	81.6
45 and over	21.7	4.1	25.8	* 1.8	27.6	26.9	* 6.5	50.6
Total	105.4	20.4	125.7	14.1	139.8	57.2	10.1	71.0
NORTH AND WEST BSD BALANCE								
15-24	19.4	7.4	26.8	7.0	33.8	10.9	20.7	75.5
15-19	8.4	6.0	14.5	4.5	18.9	7.6	23.7	71.4
20-24	10.9	* 1.4	12.3	2.5	14.8	3.3	16.9	81.6
25-44	53.1	15.3	68.3	4.3	72.7	16.8	5.9	81.2
45 and over	21.9	5.1	27.0	* 1.3	28.3	41.8	* 4.5	40.4
Total	94.4	27.7	122.1	12.6	134.7	69.5	9.3	66.0
BRISBANE STATISTICAL DIVISION								
15-24	103.7	38.7	142.4	25.9	168.3	62.3	15.4	73.0
15-19	36.1	23.9	60.0	16.8	76.8	43.2	21.9	64.0
20-24	67.6	14.8	82.4	9.1	91.6	19.1	10.0	82.7
25-44	266.6	53.9	320.5	18.7	339.2	72.1	5.5	82.5
45 and over	128.1	25.9	154.1	8.2	162.3	222.1	5.1	42.2
Total	498.4	118.6	617.0	52.8	669.8	356.5	7.9	65.3
SOUTH AND EAST MORETON								
15-24	19.7	8.4	28.1	5.2	33.3	8.4	15.6	79.8
15-19	7.0	5.4	12.4	3.2	15.6	6.7	20.3	69.8
20-24	12.7	2.9	15.6	2.0	17.6	* 1.7	11.4	91.3
25-44	47.4	16.9	64.3	3.0	67.3	16.2	4.5	80.6
45 and over	23.7	7.4	31.2	2.5	33.7	55.1	7.5	37.9
Total	90.8	32.7	123.5	10.8	134.3	79.8	8.0	62.7
NORTH AND WEST MORETON								
15-24	12.0	5.3	17.3	4.5	21.9	11.9	20.7	64.7
15-19	6.0	3.1	9.0	2.4	11.5	8.2	21.3	58.3
20-24	6.1	2.3	8.3	* 2.1	10.4	3.7	* 20.0	73.7
25-44	39.6	15.8	55.4	4.4	59.8	12.8	7.4	82.4
45 and over	18.9	7.3	26.2	* 2.2	28.4	49.9	* 7.7	36.3
Total	70.5	28.5	99.0	11.1	110.1	74.6	10.1	59.6

TABLE 7 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, MAY 1990 —continued

Age group (years)	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
	'000	'000	'000	'000	'000	'000	%	%
WIDE BAY-BURNETT								
15-24	13.2	5.0	18.2	3.7	21.9	9.3	16.8	70.1
15-19	4.3	3.7	8.0	* 2.1	10.2	6.3	* 21.0	61.7
20-24	9.0	* 1.2	10.2	* 1.5	11.7	3.0	* 13.0	79.6
25-44	32.2	10.8	43.0	3.6	46.6	10.8	7.7	81.2
45 and over	15.6	5.7	21.3	* 1.7	23.0	49.8	* 7.3	31.6
Total	61.1	21.4	82.5	9.0	91.5	69.9	9.8	56.7
DARLING DOWNS AND SOUTH-WEST								
15-24	16.2	* 2.3	18.5	2.4	20.9	11.7	11.5	64.2
15-19	5.2	* 1.2	6.4	* 1.7	8.1	8.6	* 20.8	48.5
20-24	11.0	* 1.1	12.1	* 0.7	12.8	3.1	* 5.6	80.7
25-44	33.4	8.0	41.4	* 1.8	43.2	10.2	* 4.2	80.8
45 and over	20.2	5.6	25.8	* 0.7	26.5	35.9	* 2.5	42.4
Total	69.8	15.9	85.6	4.9	90.5	57.8	5.4	61.0
MACKAY, FITZROY AND CENTRAL-WEST								
15-24	24.5	9.9	34.4	6.5	40.9	9.5	16.0	81.1
15-19	9.9	5.5	15.4	3.9	19.3	6.7	20.2	74.3
20-24	14.6	4.4	19.0	2.6	21.6	2.8	12.2	88.4
25-44	59.4	12.4	71.8	3.3	75.2	20.6	4.5	78.5
45 and over	29.2	6.6	35.8	* 1.8	37.6	38.9	* 4.9	49.2
Total	113.1	28.8	142.0	11.7	153.7	69.0	7.6	69.0
NORTHERN AND NORTH-WEST								
15-24	20.3	5.6	25.9	4.1	30.0	8.8	13.6	77.4
15-19	6.2	4.2	10.4	* 1.9	12.2	6.6	* 15.2	65.1
20-24	14.2	* 1.4	15.5	2.2	17.8	2.2	12.5	88.9
25-44	43.0	10.4	53.5	2.2	55.6	12.8	3.9	81.3
45 and over	21.7	4.6	26.2	* 0.8	27.1	26.4	* 3.1	50.7
Total	85.0	20.6	105.6	7.1	112.7	47.9	6.3	70.2
FAR NORTH								
15-24	13.1	5.5	18.6	* 1.4	20.0	5.0	* 7.0	80.1
15-19	4.2	3.4	7.6	* 0.9	8.5	3.5	* 10.4	70.8
20-24	8.9	* 2.1	11.0	* 0.5	11.5	* 1.5	* 4.4	88.8
25-44	33.8	6.1	39.9	* 2.8	42.7	10.2	* 6.7	80.8
45 and over	13.9	3.0	16.9	* 1.5	18.4	21.1	* 8.3	46.6
Total	60.8	14.6	75.4	5.8	81.1	36.2	7.1	69.1
BALANCE OF QUEENSLAND								
15-24	119.2	41.9	161.0	27.8	188.8	64.6	14.7	74.5
15-19	42.8	26.5	69.3	16.1	85.4	46.6	18.8	64.7
20-24	76.4	15.4	91.8	11.7	103.5	18.0	11.3	85.2
25-44	288.8	80.4	369.2	21.2	390.4	93.6	5.4	80.7
45 and over	143.2	40.2	183.4	11.3	194.6	277.1	5.8	41.3
Total	551.2	162.4	713.6	60.3	773.9	435.3	7.8	64.0
TOTAL QUEENSLAND								
15-24	222.9	80.6	303.5	53.7	357.2	126.9	15.0	73.8
15-19	78.9	50.4	129.3	32.9	162.1	89.8	20.3	64.4
20-24	144.0	30.2	174.2	20.8	195.0	37.1	10.7	84.0
25-44	555.4	134.3	689.7	39.9	729.6	165.7	5.5	81.5
45 and over	271.3	66.1	337.4	19.5	356.9	499.1	5.5	41.7
Total	1,049.6	281.0	1,330.6	113.1	1,443.7	791.7	7.8	64.6

TABLE 8 — LABOUR FORCE STATUS: MARITAL STATUS, QUEENSLAND, MAY 1990

	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
Marital status	'000	'000	'000	'000	'000	'000	'000	%	%
Males									
Married	484.9	506.7	25.2	26.1	532.8	144.3	677.1	4.9	78.7
Not married	235.9	276.7	35.7	40.8	317.5	113.5	431.0	12.9	73.7
Females									
Married	186.6	341.1	10.3	17.1	358.2	323.4	681.6	4.8	52.5
Not married	142.2	206.2	22.0	29.1	235.3	210.5	445.8	12.4	52.8
Persons									
Married	671.5	847.7	35.5	43.2	890.9	467.7	1,358.6	4.8	65.6
Not married	378.1	482.9	57.6	69.9	552.8	324.0	876.8	12.6	63.0

TABLE 9 — LABOUR FORCE STATUS: BIRTHPLACE AND PERIOD OF ARRIVAL, QUEENSLAND, MAY 1990

Birthplace and period of arrival	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	'000	'000	'000	'000	'000	%	%
Birthplace							
Born in Australia	1,093.8	85.2	1,179.1	586.3	1,765.4	7.2	66.8
Born outside Australia	236.8	27.9	264.6	156.7	421.3	10.5	62.8
Africa	6.0	* 0.5	6.5	* 2.9	9.4	* 8.2	69.1
America	7.1	* 1.3	8.3	4.2	12.6	* 15.0	66.4
Asia	24.4	3.4	27.8	17.8	45.5	12.2	61.0
Europe	140.8	14.5	155.3	107.6	262.9	9.3	59.1
U.K. and Ireland	91.5	8.5	99.9	62.4	162.3	8.5	61.6
Other European countries	49.3	6.1	55.3	45.3	100.6	10.9	55.0
Oceania	58.6	8.2	66.7	24.1	90.9	12.3	73.4
New Zealand	48.7	7.0	55.7	19.2	74.9	12.6	74.4
Other Oceania	9.8	* 1.2	11.0	5.0	16.0	* 10.7	68.9
Period of arrival							
Before 1971	103.3	8.6	112.0	96.6	208.6	7.7	53.7
1971-1975	32.5	5.3	37.9	12.9	50.7	14.0	74.6
1976-1980	29.5	* 2.9	32.3	11.2	43.5	* 8.8	74.4
1981-1985	33.1	3.5	36.5	13.8	50.3	9.5	72.6
1986 to survey date	38.4	7.6	45.9	22.2	68.2	16.5	67.4

DIAGRAM 1 - LABOUR FORCE AND LABOUR FORCE PARTICIPATION RATES BY REGION, QUEENSLAND, MAY 1990

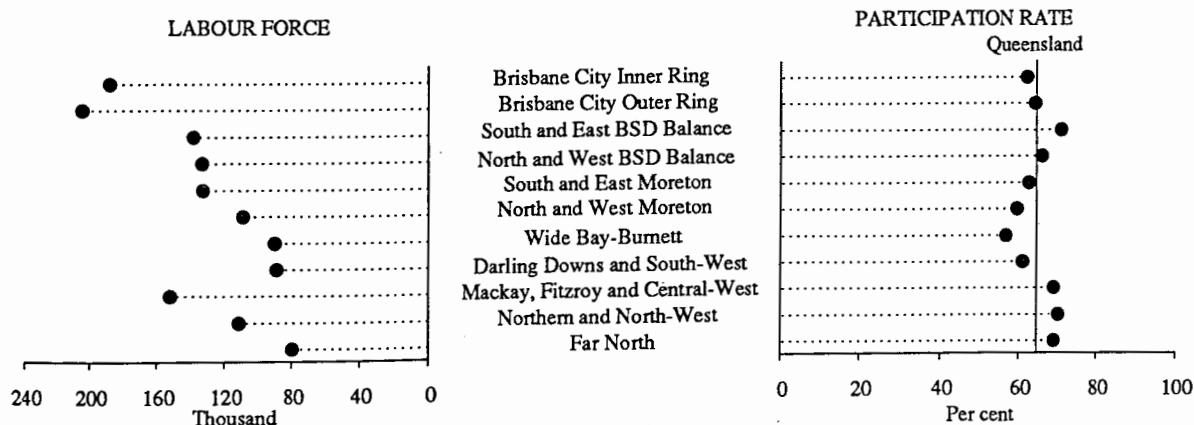


TABLE 10 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, MAY 1990

	<i>Employed</i>			<i>Unemployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Civilian population aged 15 to 19 years</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
<i>Sex</i>	'000	'000	'000	'000	'000	'000	'000	%	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	46.2	6.0	52.2	12.0	64.3	3.9	68.2	18.8	94.3
Females	31.9	4.7	36.6	10.8	47.4	7.6	55.0	22.7	86.2
Persons	78.1	10.7	88.8	22.8	111.6	11.5	123.1	20.4	90.7
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 0.6	4.6	5.2	* 1.1	6.3	7.5	13.9	* 18.0	45.7
Females	* 0.0	8.3	8.3	* 1.9	10.2	9.8	20.1	* 18.9	50.9
Persons	* 0.6	12.9	13.5	3.1	16.6	17.4	33.9	18.5	48.8
ATTENDING SCHOOL									
Males	* 0.0	11.8	11.8	3.9	15.7	30.9	46.7	25.0	33.7
Females	* 0.2	15.0	15.1	3.1	18.2	30.0	48.2	16.8	37.8
Persons	* 0.2	26.8	26.9	7.0	33.9	60.9	94.9	20.6	35.8
TOTAL									
Males	46.8	22.4	69.2	17.1	86.3	42.4	128.7	19.8	67.1
Females	32.1	28.0	60.1	15.7	75.8	47.4	123.2	20.8	61.5
Persons	78.9	50.4	129.3	32.9	162.1	89.8	251.9	20.3	64.4

TABLE 11 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, MAY 1990

	<i>Employed</i>			<i>Unemployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Civilian population aged 20 to 24 years</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
<i>Sex</i>	'000	'000	'000	'000	'000	'000	'000	%	%
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	82.7	5.3	88.0	11.0	99.0	5.3	104.3	11.1	94.9
Females	58.7	16.4	75.2	9.0	84.2	22.8	107.0	10.7	78.7
Persons	141.5	21.7	163.2	20.0	183.1	28.2	211.3	10.9	86.7
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 1.6	4.8	6.4	* 0.7	7.1	5.8	12.9	* 10.0	54.9
Females	* 0.9	3.7	4.7	* 0.2	4.8	3.1	7.9	* 3.2	60.8
Persons	* 2.5	8.5	11.0	* 0.9	11.9	8.9	20.8	* 7.3	57.2
TOTAL									
Males	84.3	10.0	94.4	11.7	106.0	11.1	117.2	11.0	90.5
Females	59.7	20.2	79.8	9.2	89.0	26.0	115.0	10.3	77.4
Persons	144.0	30.2	174.2	20.8	195.0	37.1	232.1	10.7	84.0

TABLE 12 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, MAY 1990

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
MALES									
Member of a family	583.0	632.7	42.2	47.3	680.1	185.8	865.9	7.0	78.5
Husband	461.9	482.4	22.8	23.7	506.2	132.0	638.2	4.7	79.3
With children aged 0-14 years present	254.3	261.4	13.9	13.9	275.3	13.8	289.0	5.0	95.2
Without children aged 0-14 years present	207.5	221.1	8.9	9.9	230.9	118.2	349.1	4.3	66.1
Not-married family head	13.4	14.8	* 1.0	* 1.0	15.8	6.2	22.0	* 6.3	71.8
With children aged 0-14 years present	3.7	4.0	* 0.3	* 0.3	4.4	* 1.2	5.6	* 7.8	77.8
Without children aged 0-14 years present	9.7	10.8	* 0.7	* 0.7	11.4	5.0	16.4	* 5.8	69.7
Full-time student aged 15-24 years (a)	* 1.4	19.4	* 0.8	4.9	24.3	35.8	60.1	20.0	40.4
Other child of family head	99.5	107.8	15.5	15.5	123.4	8.0	131.4	12.6	93.9
Other relative of family head	6.9	8.3	* 2.0	* 2.2	10.5	3.8	14.3	* 20.9	73.3
Not a member of a family	98.0	106.9	11.2	11.8	118.6	34.8	153.4	9.9	77.3
Living alone	41.2	44.1	3.7	3.7	47.7	25.0	72.7	7.6	65.6
Not living alone	56.7	62.8	7.6	8.1	70.9	9.8	80.6	11.4	87.9
Total	680.9	739.6	53.4	59.1	798.7	220.6	1,019.3	7.4	78.4
FEMALES									
Member of a family	249.8	440.6	24.4	36.9	477.5	394.0	871.5	7.7	54.8
Wife	173.6	320.6	9.4	15.8	336.4	302.8	639.2	4.7	52.6
With children aged 0-14 years present	67.1	158.5	5.0	9.5	168.0	120.5	288.5	5.7	58.2
Without children aged 0-14 years present	106.5	162.1	4.4	6.3	168.4	182.3	350.8	3.8	48.0
Not-married family head	20.8	31.6	4.6	6.2	37.8	39.1	76.9	16.3	49.2
With children aged 0-14 years present	8.3	16.3	* 2.9	4.5	20.8	20.4	41.1	21.5	50.5
Without children aged 0-14 years present	12.4	15.3	* 1.7	* 1.7	17.0	18.7	35.7	* 10.0	47.7
Full-time student aged 15-24 years (a)	* 0.5	24.0	* 0.2	4.2	28.3	31.9	60.1	15.0	47.0
Other child of family head	50.4	58.6	8.8	9.1	67.7	6.4	74.2	13.5	91.3
Other relative of family head	4.5	5.7	* 1.6	* 1.6	7.3	13.8	21.1	* 21.4	34.5
Not a member of a family	56.4	73.3	6.2	6.7	80.1	80.8	160.9	8.4	49.8
Living alone	20.0	26.8	* 1.1	* 1.3	28.1	68.6	96.7	* 4.5	29.0
Not living alone	36.4	46.5	5.1	5.5	52.0	12.2	64.2	10.5	81.0
Total	306.2	513.9	30.7	43.7	557.6	474.8	1,032.4	7.8	54.0

TABLE 12 — LABOUR FORCE STATUS: FAMILY STATUS, QUEENSLAND, MAY 1990 —continued

Family status	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total					
	'000	'000	'000	'000	'000	'000	'000	%	%
PERSONS									
Member of a family	832.7	1,073.3	66.6	84.3	1,157.6	579.8	1,737.4	7.3	66.6
Husband or wife	635.4	803.0	32.2	39.6	842.6	434.8	1,277.4	4.7	66.0
With children aged 0-14 years present	321.4	419.9	18.9	23.4	443.2	134.3	577.5	5.3	76.8
Without children aged 0-14 years present	314.0	383.2	13.3	16.2	399.4	300.5	699.9	4.1	57.1
Not-married family head	34.1	46.4	5.6	7.2	53.6	45.3	98.9	13.4	54.2
With children aged 0-14 years present	12.0	20.3	3.2	4.8	25.1	21.6	46.7	19.1	53.7
Without children aged 0-14 years present	22.1	26.1	* 2.4	* 2.4	28.5	23.7	52.1	* 8.3	54.6
Full-time student aged 15-24 years (a)	* 1.9	43.4	* 1.0	9.1	52.5	67.7	120.2	17.3	43.7
Other child of family head	149.9	166.4	24.3	24.7	191.1	14.4	205.5	12.9	93.0
Other relative of family head	11.3	14.0	3.6	3.7	17.7	17.6	35.4	21.1	50.2
Not a member of a family	154.4	180.2	17.5	18.5	198.7	115.6	314.3	9.3	63.2
Living alone	61.2	70.9	4.8	4.9	75.8	93.6	169.4	6.5	44.8
Not living alone	93.2	109.3	12.7	13.6	122.9	22.0	144.9	11.0	84.8
Total	987.1	1,253.5	84.1	102.8	1,356.3	695.4	2,051.7	7.6	66.1
Usual resident of a private dwelling where family status was not determined	25.1	35.1	* 1.1	* 1.5	36.6	13.2	49.8	* 4.0	73.4
Total usual residents of private dwellings	1,012.2	1,288.6	85.2	104.2	1,392.9	708.6	2,101.5	7.5	66.3
Visitors to private dwellings	15.3	16.6	* 2.8	3.2	19.9	15.4	35.2	16.2	56.4
Persons enumerated in non-private dwellings	22.1	25.4	5.1	5.6	31.0	67.7	98.7	18.2	31.4
TOTAL	1,049.6	1,330.6	93.1	113.1	1,443.7	791.7	2,235.4	7.8	64.6

(a) Excluding persons aged 20 to 24 years attending school.

DIAGRAM 2 - LABOUR FORCE PARTICIPATION RATE BY FAMILY STATUS, QUEENSLAND, MAY 1990

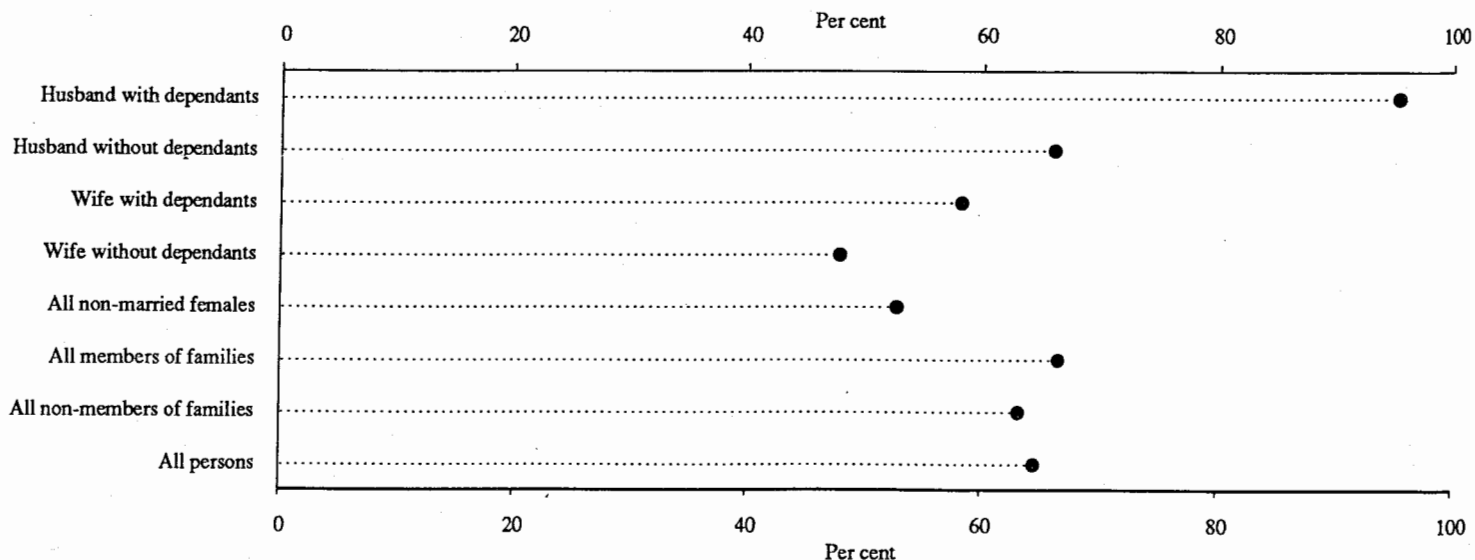


TABLE 13 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

Month	Males		Females						Persons	
	Full-time	Part-time	Married		Not married		Total		Full-time	Part-time
			Full-time	Part-time	Full-time	Part-time	Full-time	Part-time		
'000										
1989 —										
March	699.8	54.4	160.9	147.7	133.4	58.9	294.3	206.6	994.1	261.0
April	701.8	53.1	156.9	150.1	140.3	58.1	297.2	208.2	999.0	261.3
May	708.3	55.3	166.7	151.0	140.8	60.6	307.4	211.6	1,015.8	266.9
June	708.5	56.4	171.5	143.3	145.5	59.2	317.0	202.5	1,025.4	258.9
July	710.0	55.5	170.7	144.4	143.5	59.5	314.2	203.9	1,024.2	259.3
August	701.2	63.0	161.0	149.7	140.8	65.5	301.8	215.2	1,003.0	278.2
September	716.0	62.7	166.4	152.5	140.5	65.0	306.9	217.5	1,022.9	280.2
October	718.9	63.2	162.9	150.4	147.8	62.6	310.6	213.0	1,029.5	276.2
November	713.2	71.3	171.8	154.1	145.2	67.8	317.0	221.8	1,030.1	293.1
December	729.8	63.4	178.0	148.8	146.5	70.8	324.5	219.6	1,054.3	283.0
1990 —										
January	710.4	65.5	173.4	134.7	142.8	64.3	316.2	199.0	1,026.6	264.4
February	721.7	60.4	173.3	153.5	141.2	59.6	314.5	213.1	1,036.2	273.5
March	723.4	60.6	175.1	155.6	140.9	66.0	316.1	221.6	1,039.5	282.2
April	717.2	60.0	177.2	159.0	141.9	66.5	319.1	225.5	1,036.3	285.5
May	720.9	62.5	186.6	154.5	142.2	64.1	328.8	218.5	1,049.6	281.0

PER CENT (a)

1989 —										
March	92.8	7.2	52.1	47.9	69.4	30.6	58.8	41.2	79.2	20.8
April	93.0	7.0	51.1	48.9	70.7	29.3	58.8	41.2	79.3	20.7
May	92.8	7.2	52.5	47.5	69.9	30.1	59.2	40.8	79.2	20.8
June	92.6	7.4	54.5	45.5	71.1	28.9	61.0	39.0	79.8	20.2
July	92.8	7.2	54.2	45.8	70.7	29.3	60.6	39.4	79.8	20.2
August	91.8	8.2	51.8	48.2	68.2	31.8	58.4	41.6	78.3	21.7
September	91.9	8.1	52.2	47.8	68.4	31.6	58.5	41.5	78.5	21.5
October	91.9	8.1	52.0	48.0	70.2	29.8	59.3	40.7	78.8	21.2
November	90.9	9.1	52.7	47.3	68.2	31.8	58.8	41.2	77.8	22.2
December	92.0	8.0	54.5	45.5	67.4	32.6	59.6	40.4	78.8	21.2
1990 —										
January	91.6	8.4	56.3	43.7	69.0	31.0	61.4	38.6	79.5	20.5
February	92.3	7.7	53.0	47.0	70.3	29.7	59.6	40.4	79.1	20.9
March	92.3	7.7	53.0	47.0	68.1	31.9	58.8	41.2	78.6	21.4
April	92.3	7.7	52.7	47.3	68.1	31.9	58.6	41.4	78.4	21.6
May	92.0	8.0	54.7	45.3	68.9	31.1	60.1	39.9	78.9	21.1

(a) Full-time and part-time as a proportion of employed persons in each category.

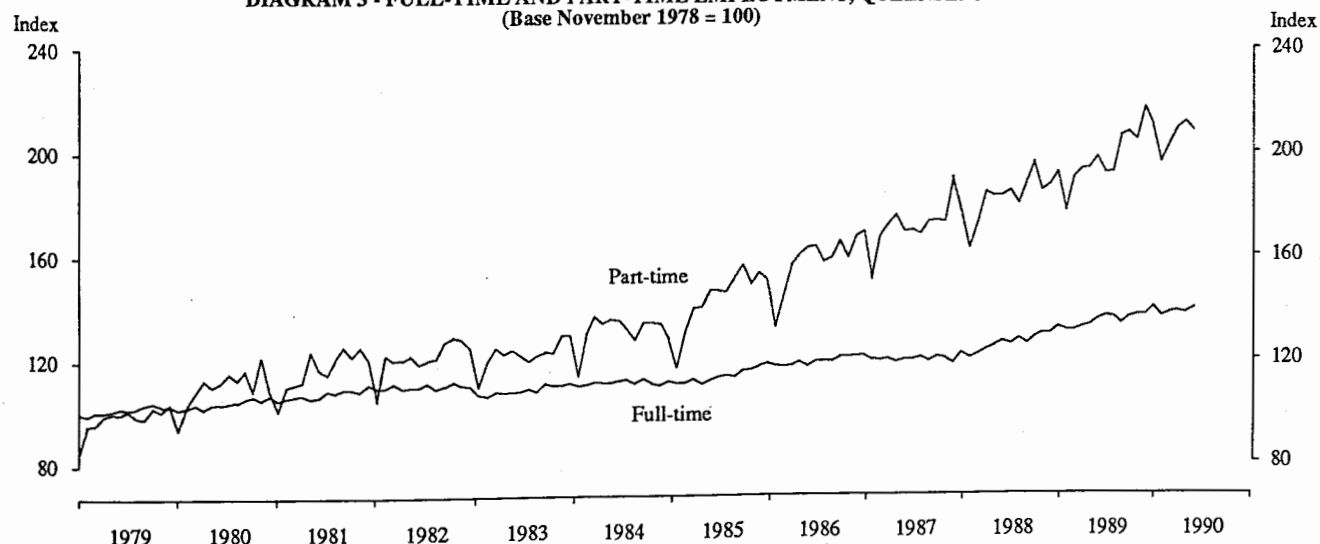
DIAGRAM 3 - FULL-TIME AND PART-TIME EMPLOYMENT, QUEENSLAND
(Base November 1978 = 100)

TABLE 14 — EMPLOYED PERSONS: HOURS WORKED, QUEENSLAND, MAY 1990
('000)

Hours worked	Males	Females		Total	Persons
		Married	Not married		
None	38.7	15.6	9.4	25.0	63.7
1-15	38.7	73.5	39.2	112.7	151.4
16-29	59.4	71.9	25.9	97.9	157.2
30-34	95.2	45.6	32.0	77.6	172.8
35-39	88.1	36.1	30.6	66.8	154.9
40	165.5	44.8	36.7	81.4	246.9
41-44	44.7	9.4	8.3	17.7	62.5
45-48	64.8	11.8	9.8	21.5	86.3
49 and over	188.2	32.5	14.3	46.8	235.1
Total employed	783.3	341.1	206.2	547.3	1,330.6

TABLE 15 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS OF WORKER, INDUSTRY AND OCCUPATION
QUEENSLAND, MAY 1990

Status of worker, industry division and occupation group	Males	Females		Total	Persons
		Married	Not married		
Status of worker					
Employers	53.7	36.7	47.4	37.4	48.1
Self-employed	47.0	29.3	35.4	30.3	41.1
Wage and salary earners	37.6	28.1	29.5	28.7	33.8
Unpaid family helpers	22.7	13.3	17.8	14.9	17.6
Industry division					
Agriculture, forestry, fishing and hunting	51.8	35.1	38.5	35.6	46.6
Mining	39.4	* 23.4	* 42.4	29.1	38.6
Manufacturing	37.8	30.7	31.1	30.9	36.0
Electricity, gas and water	31.9	* 30.0	* 32.9	32.0	31.9
Construction	40.1	18.7	33.2	21.1	37.3
Wholesale and retail trade	39.8	29.2	24.4	27.3	33.7
Wholesale trade	40.4	27.2	31.0	28.3	36.6
Retail trade	39.4	29.8	23.4	27.0	32.6
Transport and storage	40.1	28.2	36.7	31.6	38.4
Communication	33.4	25.5	31.0	27.5	31.8
Finance, property and business services	38.9	28.0	32.2	29.7	34.5
Public administration and defence	34.1	28.4	31.8	30.1	32.9
Community services	38.8	27.7	33.3	29.7	32.9
Recreation, personal and other services	38.6	28.6	27.5	28.1	32.6
Occupation group					
Managers and administrators	52.2	40.7	45.7	41.6	49.5
Professionals	40.8	31.3	36.0	33.3	37.5
Para-professionals	38.4	27.1	34.5	30.1	34.8
Tradespersons	38.2	31.3	33.5	32.2	37.6
Clerks	34.4	25.7	32.5	28.0	29.4
Salespersons and personal service workers	39.0	28.8	23.5	26.3	30.9
Plant and machine operators and drivers	39.9	31.7	29.4	30.8	39.0
Labourers and related workers	35.1	26.0	26.8	26.2	32.3
Full-time workers	41.9	39.6	37.2	38.6	40.9
Part-time workers	14.7	15.4	13.2	14.8	14.8
Total employed	39.7	28.6	29.8	29.1	35.4

TABLE 16 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, MAY 1990
('000)

Particulars	Males	Females			Persons
		Married	Not married	Total	
Status of worker					
Employers	50.0	24.3	* 1.7	26.0	76.1
Self-employed	98.4	45.0	9.1	54.1	152.5
Wage and salary earners	631.3	267.4	192.9	460.3	1,091.6
Unpaid family helpers	3.5	4.3	* 2.5	6.9	10.4
Industry division					
Agriculture, forestry, fishing and hunting	67.0	26.4	4.7	31.1	98.1
Mining	21.8	* 1.2	* 0.5	* 1.8	23.5
Manufacturing	122.1	28.6	13.5	42.1	164.2
Electricity, gas and water	13.0	* 0.5	* 1.1	* 1.6	14.6
Construction	95.8	14.0	* 2.7	16.7	112.5
Wholesale and retail trade	154.7	85.0	59.1	144.1	298.8
Wholesale trade	56.8	18.3	8.0	26.3	83.1
Retail trade	97.9	66.7	51.1	117.8	215.7
Transport and storage	56.9	8.6	5.6	14.3	71.1
Communication	18.2	4.5	* 2.5	7.0	25.1
Finance, property and business services	67.3	37.0	25.2	62.3	129.6
Public administration and defence	38.9	8.4	8.5	16.9	55.8
Community services	78.5	91.6	52.7	144.3	222.8
Recreation, personal and other services	49.0	35.1	30.0	65.1	114.2
Occupation group					
Managers and administrators	103.0	28.6	6.3	34.9	138.0
Professionals	78.3	34.6	25.5	60.1	138.4
Para-professionals	39.2	17.7	11.8	29.5	68.7
Tradespersons	191.1	12.6	9.3	21.9	213.0
Clerks	48.1	113.8	57.7	171.5	219.6
Salespersons and personal service workers	82.2	78.2	69.1	147.3	229.5
Plant and machine operators and drivers	85.3	5.5	3.5	9.0	94.2
Labourers and related workers	156.1	50.2	22.9	73.1	229.2
Total employed	783.3	341.1	206.2	547.3	1,330.6

TABLE 17 — EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, MAY 1990
('000)

Industry division	Occupation group								Total employed
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers	Labourers and related workers	
Agriculture, forestry, fishing and hunting	53.1	* 1.3	* 2.2	* 2.6	3.3	* 0.5	* 1.8	33.4	98.1
Mining	* 0.7	* 2.7	* 0.9	4.8	* 2.7	* 0.0	6.6	5.2	23.5
Manufacturing	9.1	5.1	* 2.4	54.9	20.4	7.4	22.3	42.6	164.2
Electricity, gas and water	* 0.2	* 1.7	* 1.6	4.0	* 2.9	* 0.2	* 2.0	* 2.1	14.6
Construction	7.7	* 1.9	* 1.1	56.2	16.1	* 1.1	10.8	17.7	112.5
Wholesale and retail trade	34.3	5.7	3.2	43.2	37.4	128.7	7.3	38.9	298.8
Transport and storage	3.7	* 0.9	* 2.4	5.0	10.0	7.3	29.0	12.8	71.1
Communication	* 1.2	* 0.5	* 1.2	6.3	12.9	* 0.7	* 0.9	* 1.4	25.1
Finance, property and business services	8.0	19.9	5.5	3.0	45.6	33.4	* 0.9	13.4	129.6
Public administration and defence	3.0	5.9	6.0	3.4	22.6	* 0.7	5.4	8.8	55.8
Community services	5.3	83.7	38.9	7.8	35.6	16.8	5.3	29.4	222.8
Recreation, personal and other services	11.7	9.2	3.3	21.8	10.1	32.7	* 2.1	23.4	114.2
Total employed	138.0	138.4	68.7	213.0	219.6	229.5	94.2	229.2	1,330.6

TABLE 18 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, MAY 1990
(^{'000})

Particulars	Brisbane Statistical Division				Total
	Brisbane City Inner Ring	Brisbane City Outer Ring	South and East BSD Balance	North and West BSD Balance	
Status of worker					
Wage and salary earners	157.1	169.7	106.3	108.5	541.7
Others	20.5	21.7	19.4	13.6	75.3
Industry division					
Agriculture, forestry, fishing and hunting	* 1.3	2.1	* 2.1	* 1.1	6.6
Mining	* 0.7	* 0.9	* 0.7	* 0.4	* 2.6
Manufacturing	19.0	23.9	24.1	23.9	90.8
Electricity, gas and water	* 1.9	3.1	* 0.5	* 1.6	7.1
Construction	11.6	10.8	15.6	9.2	47.3
Wholesale and retail trade	37.1	52.6	32.9	31.3	153.9
Wholesale trade	13.3	15.3	11.7	8.4	48.6
Retail trade	23.8	37.4	21.2	22.9	105.3
Transport and storage	9.0	8.3	6.8	7.2	31.2
Communication	3.8	4.7	3.2	2.8	14.4
Finance, property and business services	24.2	28.5	12.0	11.5	76.1
Public administration and defence	10.5	9.1	5.2	6.1	30.8
Community services	38.4	36.1	16.6	21.2	112.2
Recreation, personal and other services	20.2	11.5	6.2	6.0	43.9
Occupation group					
Managers and administrators	15.7	14.3	9.6	5.8	45.4
Professionals	33.7	28.2	8.4	7.5	77.7
Para-professionals	8.7	11.9	6.2	8.7	35.6
Tradespersons	20.9	27.4	26.3	22.4	96.9
Clerks	33.2	37.8	27.1	23.5	121.6
Salespersons and personal service workers	33.7	34.4	21.3	19.1	108.5
Plant and machine operators and drivers	7.6	11.2	8.4	13.6	40.8
Labourers and related workers	24.2	26.2	18.4	21.6	90.5
Total employed	177.7	191.5	125.7	122.1	617.0

DIAGRAM 4 - EMPLOYED PERSONS: HOURS WORKED BY SEX, QUEENSLAND, MAY 1990

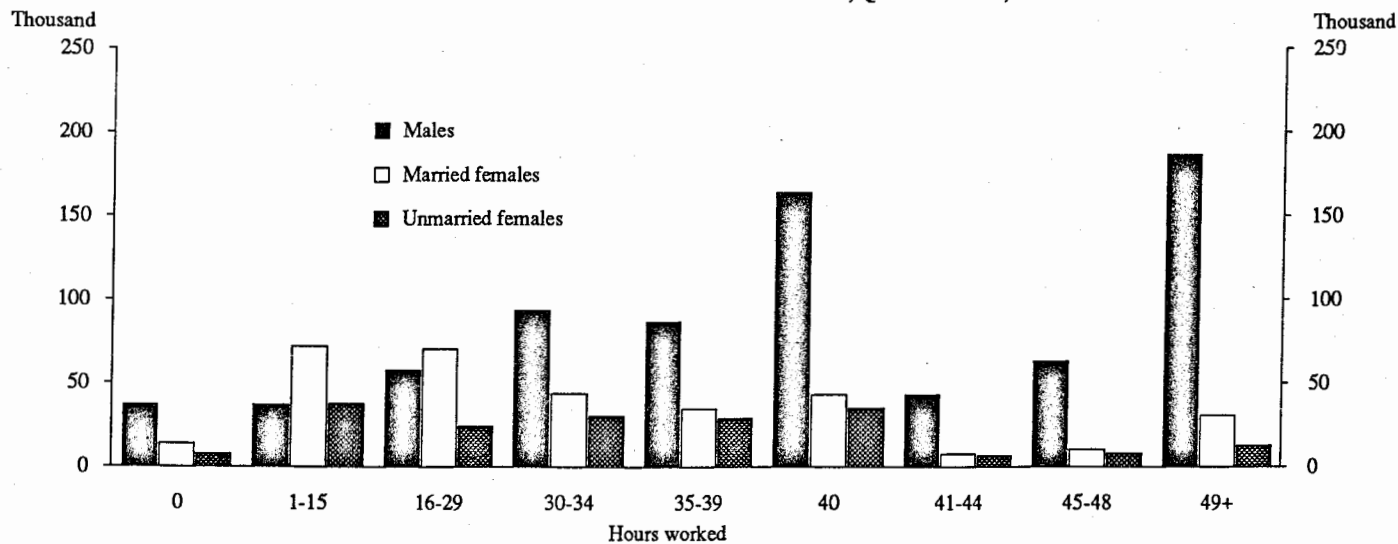


TABLE 18 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, STATISTICAL REGIONS, QUEENSLAND,
MAY 1990 —continued
(*000)

Particulars	Balance of Queensland								Total Queensland
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North	Total	
Status of worker									
Wage and salary earners	99.6	68.8	58.9	58.3	118.2	84.7	61.4	549.9	1,091.6
Others	23.9	30.2	23.6	27.3	23.8	20.9	14.0	163.7	239.0
Industry division									
Agriculture, forestry, fishing and hunting	* 1.8	10.0	22.8	26.5	15.2	9.4	5.9	91.5	98.1
Mining	* 0.2	* 0.2	* 0.5	* 0.6	8.9	8.1	* 2.5	20.9	23.5
Manufacturing	14.5	8.6	12.9	6.6	14.9	8.9	6.9	73.4	164.2
Electricity, gas and water	* 0.5	* 1.1	* 1.1	* 0.3	3.3	* 0.5	* 0.8	7.6	14.6
Construction	18.1	12.6	3.8	5.3	10.5	8.5	6.6	65.3	112.5
Wholesale and retail trade	26.6	22.0	13.7	16.3	29.3	20.1	17.0	144.9	298.8
Wholesale trade	5.2	5.2	3.5	4.6	6.6	4.7	4.7	34.5	83.1
Retail trade	21.4	16.8	10.2	11.7	22.8	15.4	12.3	110.5	215.7
Transport and storage	5.0	4.8	3.0	5.0	10.4	6.3	5.4	39.9	71.1
Communication	* 1.8	2.6	* 0.5	* 0.7	2.4	* 1.1	* 1.6	10.7	25.1
Finance, property and business services	14.3	6.8	3.7	4.4	10.1	7.2	7.0	53.5	129.6
Public administration and defence	3.1	4.1	* 2.1	* 2.2	4.4	6.2	* 2.8	25.0	55.8
Community services	16.8	14.1	14.3	14.8	20.4	20.2	10.0	110.7	222.8
Recreation, personal and other services	20.8	12.2	4.0	3.0	12.3	9.1	8.7	70.3	114.2
Occupation group									
Managers and administrators	9.8	11.4	16.2	20.4	14.4	12.7	7.5	92.5	138.0
Professionals	11.1	8.9	5.3	6.8	8.3	15.0	5.2	60.7	138.4
Para-professionals	4.5	5.3	3.6	4.5	6.7	4.0	4.5	33.1	68.7
Tradespersons	24.8	17.9	9.6	10.1	24.2	17.3	12.2	116.1	213.0
Clerks	21.3	14.9	7.6	11.3	15.4	16.1	11.5	98.0	219.6
Salespersons and personal service workers	28.0	15.7	12.1	10.1	25.7	14.4	15.0	121.0	229.5
Plant and machine operators and drivers	7.5	6.9	5.0	6.4	14.1	8.5	5.0	53.4	94.2
Labourers and related workers	16.6	18.0	23.1	16.0	33.1	17.5	14.5	138.7	229.2
Total employed	123.5	99.0	82.5	85.6	142.0	105.6	75.4	713.6	1,330.6

DIAGRAM 5 - EMPLOYMENT BY OCCUPATION BY BSD AND BALANCE OF QUEENSLAND, MAY 1990

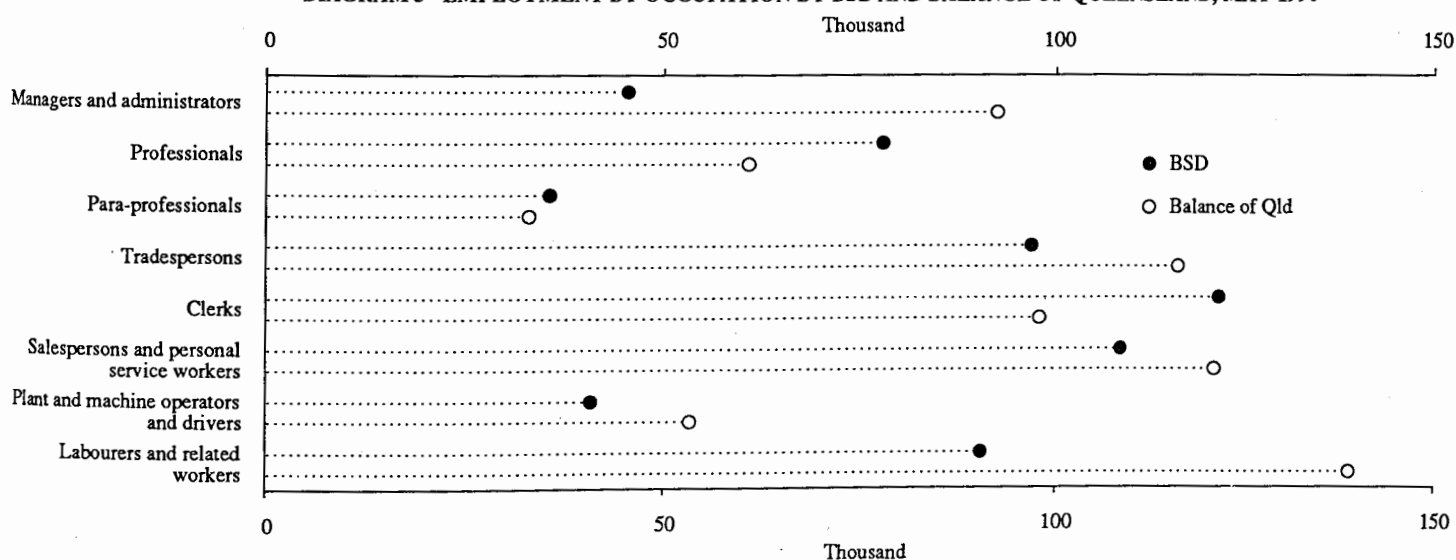


TABLE 19 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

Duration of unemployment	1989			1990		
	March	April	May	March	April	May
MALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	9.3	11.2	9.0	13.2	12.9	10.8
4 and under 8 weeks	5.6	5.6	8.3	8.9	9.1	10.4
8 and under 13 weeks	9.2	5.8	3.7	8.3	9.4	8.6
13 and under 26 weeks	9.6	9.5	10.9	10.4	13.1	14.3
26 and under 52 weeks	6.4	5.7	4.1	6.9	8.0	8.5
52 weeks and over	14.4	15.6	14.5	13.4	12.9	14.3
Total unemployed	54.5	53.4	50.5	61.1	65.4	66.9
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	15	15	17	13	13	14
FEMALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	9.9	11.9	10.9	12.5	13.4	8.8
4 and under 8 weeks	11.3	7.4	7.3	8.4	5.8	7.4
8 and under 13 weeks	5.5	8.5	4.7	9.3	6.8	5.9
13 and under 26 weeks	6.0	6.7	11.4	6.8	8.6	10.6
26 and under 52 weeks	5.0	* 2.1	* 2.8	6.3	7.5	6.1
52 weeks and over	7.8	9.8	7.3	7.0	6.3	7.3
Total unemployed	45.5	46.4	44.3	50.3	48.5	46.2
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	8	9	12	9	11	14
PERSONS						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	19.2	23.1	19.9	25.7	26.3	19.6
4 and under 8 weeks	16.8	13.0	15.6	17.4	14.9	17.8
8 and under 13 weeks	14.7	14.4	8.4	17.6	16.2	14.5
13 and under 26 weeks	15.6	16.2	22.3	17.3	21.7	24.9
26 and under 52 weeks	11.5	7.7	6.8	13.2	15.6	14.6
52 weeks and over	22.2	25.4	21.8	20.4	19.1	21.6
Total unemployed	100.0	99.8	94.8	111.4	113.8	113.1
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	12	12	14	11	12	14

TABLE 20 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, MAY 1990

Region	Unemployed			Median duration of unemployment weeks
	Under 13 weeks	13 weeks and over	Total	
	'000	'000	'000	
MALES				
Brisbane Statistical Division	13.9	15.1	28.9	13
Brisbane City Inner Ring	3.1	3.8	7.0	* 13
Brisbane City Outer Ring	4.2	4.4	8.6	* 13
South and East BSD Balance	3.8	3.9	7.7	* 13
North and West BSD Balance	2.7	2.9	5.7	* 17
Balance of Queensland	16.0	22.0	38.0	18
South and East Moreton	3.6	3.1	6.7	* 10
North and West Moreton	2.5	4.5	7.1	* 21
Wide Bay-Burnett	* 2.2	3.5	5.7	* 16
Darling Downs and South-West	* 1.4	* 1.6	3.0	* 17
Mackay, Fitzroy and Central-West	2.9	5.4	8.3	* 26
Northern and North-West	* 1.9	* 1.5	3.4	* 9
Far North	* 1.4	* 2.4	3.8	* 22
Total Queensland	29.8	37.1	66.9	14
FEMALES				
Brisbane Statistical Division	12.8	11.1	23.9	10
Brisbane City Inner Ring	3.5	* 1.4	4.9	* 5
Brisbane City Outer Ring	2.7	3.0	5.7	* 13
South and East BSD Balance	2.8	3.6	6.4	* 19
North and West BSD Balance	3.8	3.1	6.9	* 9
Balance of Queensland	9.2	13.0	22.3	17
South and East Moreton	2.1	2.0	4.1	* 12
North and West Moreton	* 1.0	3.0	4.0	* 17
Wide Bay-Burnett	* 1.5	* 1.7	3.2	* 21
Darling Downs and South-West	* 0.9	* 1.0	* 1.9	* 15
Mackay, Fitzroy and Central-West	* 0.9	2.5	3.4	* 20
Northern and North-West	* 1.5	2.1	3.6	* 19
Far North	* 1.3	* 0.7	* 2.0	* 5
Total Queensland	22.1	24.1	46.2	14
PERSONS				
Brisbane Statistical Division	26.7	26.1	52.8	12
Brisbane City Inner Ring	6.6	5.2	11.8	10
Brisbane City Outer Ring	6.9	7.4	14.4	13
South and East BSD Balance	6.6	7.5	14.1	13
North and West BSD Balance	6.6	6.0	12.6	12
Balance of Queensland	25.2	35.1	60.3	18
South and East Moreton	5.6	5.1	10.8	11
North and West Moreton	3.5	7.6	11.1	21
Wide Bay-Burnett	3.7	5.3	9.0	* 18
Darling Downs and South-West	* 2.3	2.5	4.9	* 15
Mackay, Fitzroy and Central-West	3.8	7.9	11.7	20
Northern and North-West	3.5	3.6	7.1	* 17
Far North	* 2.7	3.1	5.8	* 18
Total Queensland	51.9	61.2	113.1	14

TABLE 21 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: BIRTHPLACE BY AGE, QUEENSLAND, MAY 1990

Particulars	Unemployed			Unemployment rate		
	Males	Females	Persons	Males	Females	Persons
	'000	'000	'000	%	%	%
BORN IN AUSTRALIA						
Age group (years)						
15-19	14.7	12.6	27.3	19.0	18.3	18.7
20-24	10.2	8.1	18.3	11.0	10.1	10.6
25-34	8.8	6.2	15.0	4.9	5.0	4.9
35-44	7.6	5.3	12.8	4.7	4.4	4.5
45-54	5.1	* 2.7	7.7	4.9	* 3.7	4.4
55 and over	3.2	* 0.9	4.0	4.6	* 3.0	4.1
Looking for full-time work	44.4	24.7	69.1	7.1	8.3	7.5
Looking for part-time work	5.1	11.0	16.1	8.9	5.7	6.4
Total	49.5	35.7	85.2	7.2	7.2	7.2
BORN OUTSIDE AUSTRALIA						
Age group (years)						
15-19	* 2.4	3.1	5.5	* 27.1	46.9	35.5
20-24	* 1.5	* 1.1	* 2.6	* 11.1	* 11.7	* 11.3
25-34	3.7	* 2.6	6.4	9.7	* 9.7	9.7
35-44	3.2	* 2.4	5.7	7.5	* 7.2	7.4
45-54	* 2.3	* 0.9	3.2	* 6.1	* 4.7	5.6
55 and over	4.2	* 0.3	4.5	19.0	* 6.2	16.5
Looking for full-time work	16.4	7.5	24.0	10.8	11.9	11.1
Looking for part-time work	* 1.0	* 2.9	3.9	* 8.6	* 7.7	7.9
Total	17.4	10.5	27.9	10.6	10.4	10.5
Main English-speaking countries (a)	11.5	5.4	16.9	11.2	8.6	10.2
Other	5.9	5.1	11.0	9.7	13.3	11.1

(a) Comprises the United Kingdom, Ireland, Canada, the United States of America, South Africa and New Zealand.

DIAGRAM 6 - MEDIAN DURATION OF UNEMPLOYMENT, QUEENSLAND

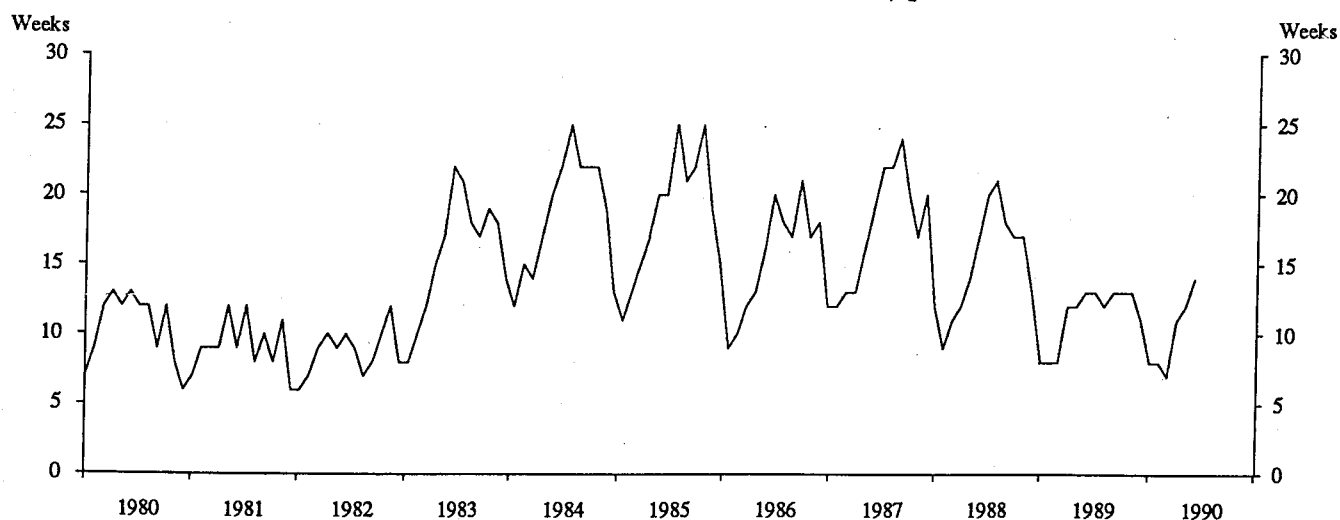


TABLE 22 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND

Unemployment category, industry division and occupation group	May 1989		August 1989		November 1989		February 1990		May 1990	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	'000	%	'000	%	'000	%	'000	%	'000	%
Persons who had worked full-time for 2 weeks or more in the last 2 years	52.0	3.9	54.4	4.1	49.0	3.6	61.7	4.5	69.5	5.0
Industry division										
Agriculture, forestry, fishing and hunting	3.5	3.6	3.4	3.6	* 2.7	* 2.8	4.4	4.8	4.3	4.2
Manufacturing	8.7	4.8	10.1	5.7	9.8	5.6	13.3	7.7	13.6	7.6
Construction	6.4	5.4	6.6	5.4	6.2	5.0	8.2	6.5	10.5	8.5
Wholesale and retail trade	9.7	3.4	14.4	4.9	12.5	4.1	13.2	4.5	16.4	5.2
Community services	5.8	2.7	5.0	2.3	4.0	1.8	4.0	1.8	4.3	1.9
Recreation, personal and other services	7.8	7.0	5.6	5.1	4.8	3.7	8.3	6.4	7.7	6.3
Other industries	10.0	3.1	9.3	2.9	9.1	2.8	10.2	3.1	12.7	3.8
Occupation group										
Managers and administrators	* 2.6	* 1.9	* 2.2	* 1.6	* 2.0	* 1.5	* 2.2	* 1.6	* 1.8	* 1.3
Professionals	* 2.5	* 1.8	* 2.6	* 2.0	* 2.1	* 1.5	* 1.4	* 1.0	* 0.7	* 0.5
Para-professionals	* 0.9	* 1.3	* 1.9	* 2.9	* 1.8	* 2.5	* 1.6	* 2.1	* 2.7	* 3.8
Tradespersons	7.7	3.4	6.9	3.2	4.3	2.0	9.2	4.2	11.7	5.2
Clerks	7.0	3.2	7.6	3.6	6.9	3.2	7.4	3.3	5.9	2.6
Salespersons and personal service workers	9.8	4.5	10.9	4.9	7.9	3.4	10.4	4.6	12.9	5.3
Plant and machine operators and drivers	6.0	6.0	3.7	3.4	5.2	4.9	5.0	4.9	8.7	8.5
Labourers and related workers	15.4	6.4	18.4	7.5	18.7	7.2	24.6	9.8	24.9	9.8
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	19.8	..	23.3	..	21.4	..	26.1	..	30.2	..
Other	11.6	..	9.9	..	8.9	..	11.9	..	13.5	..
Job leaver	20.6	..	21.2	..	18.7	..	23.7	..	25.8	..
Other										
Persons looking for first job	9.5	..	8.5	..	8.9	..	14.9	..	11.3	..
Former workers	30.3	..	25.5	..	25.2	..	34.0	..	30.3	..
Persons stood down	3.0	..	* 2.1	..	* 2.5	..	* 2.7	..	* 1.9	..
Total unemployed	94.8	6.9	90.4	6.6	85.5	6.1	113.2	8.0	113.1	7.8
Looking for full-time work	72.5	6.7	72.7	6.8	66.1	6.0	81.3	7.3	93.1	8.1
Looking for part-time work	22.3	7.7	17.7	6.0	19.3	6.2	31.9	10.4	20.0	6.6

DIAGRAM 7 - UNEMPLOYMENT RATES, QUEENSLAND

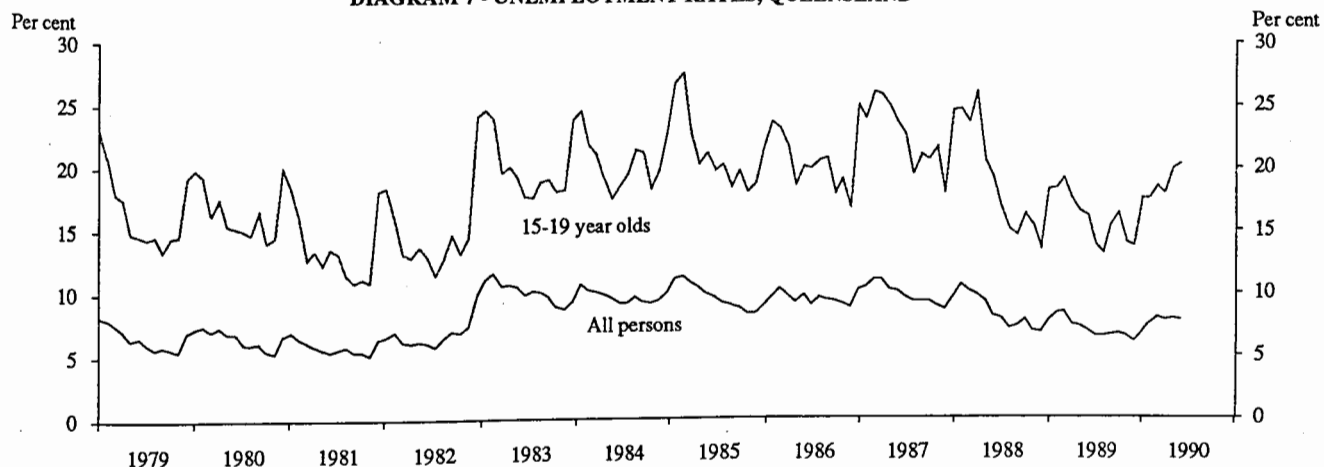


TABLE 23 - WAGE AND SALARY EARNERS IN MAIN JOB BY TYPE AND AMOUNT OF LEAVE TAKEN, QUEENSLAND, MAY 1988 TO APRIL 1989

<i>Particulars</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	<i>'000</i>	<i>'000</i>	<i>'000</i>
Type of leave taken			
Annual leave only	362.6	207.5	570.1
Under 1 week	7.3	3.5	10.8
1 week and over	355.2	204.1	559.3
Long-service leave only	*2.2	*0.9	3.1
Both types of leave	11.8	5.2	17.0
No leave taken	241.0	229.4	470.4
Annual leave taken (weeks)			
Nil	243.2	230.4	473.5
Under 1	7.5	3.6	11.1
1	35.6	21.0	56.6
2	90.1	50.6	140.7
3	63.1	38.1	101.2
4	113.6	53.5	167.1
5 to 7	47.8	25.4	73.2
8 and over	16.6	20.5	37.2
Long-service leave taken (weeks)			
Nil	603.5	437.0	1,040.5
Under 1	*0.2	*0.0	*0.2
1 to 2	3.4	*0.9	4.2
3 to 4	6.2	*1.9	8.1
5 to 8	*2.5	*1.7	4.3
9 and over	*1.8	*1.6	3.4
Total	617.5	443.1	1,060.6
	<i>weeks</i>	<i>weeks</i>	<i>weeks</i>
Total leave taken	1,358,495	843,184	2,201,678
Annual	1,287,158	801,263	2,088,420
Long-service	71,337	41,921	113,258
Average amount of leave taken	3.7	4.0	3.8
Annual	3.5	3.8	3.6
Long-service	5.2	6.8	5.7

Source: Annual and Long-service Leave Taken, Australia, May 1988 to April 1989 (6317.0).

TABLE 24 - PERSONS AGED 15 TO 24 YEARS: LABOUR FORCE STATUS BY EDUCATIONAL ATTENDANCE, QUEENSLAND, SEPTEMBER 1989

<i>Educational attendance</i>	<i>Employed</i>			<i>Unem- ployed</i>	<i>Labour force</i>	<i>Not in labour force</i>	<i>Total</i>	<i>Unemploy- ment rate</i>	<i>Partic- ipation rate</i>
	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>						
	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>%</i>	<i>%</i>
Attending an educational institution	19.7	49.0	68.7	14.4	83.1	90.4	173.5	17.3	47.9
School	*2.4	30.8	33.2	8.9	42.0	66.7	108.7	21.1	38.7
University	*2.1	9.7	11.7	*1.6	13.4	8.3	21.7	*12.3	61.7
CAE	2.9	4.7	7.6	*1.6	9.2	7.2	16.4	*17.9	56.3
TAFE/technical college	9.5	2.6	12.1	*1.7	13.8	5.4	19.2	*12.0	71.9
Other	2.9	*1.2	4.1	*0.6	4.7	2.8	7.5	*12.5	62.3
Not attending an educational institution	211.5	29.0	240.5	29.8	270.2	31.8	302.1	11.0	89.5
Total	231.2	78.0	309.2	44.2	353.4	122.2	475.6	12.5	74.3

Source: Labour Force Status and Educational Attendance (Persons aged 15 to 24), Australia, September 1989 (6272.0).

TABLE 25 - QUALIFIED NURSES: SUMMARY OF CHARACTERISTICS BY TYPE OF REGISTRATION AND REGISTRATION STATUS, QUEENSLAND, MARCH TO JULY 1989

Particulars	Registered nurses			Enrolled nurses			Never registered	Total (a)
	Currently registered as a registered nurse	Not currently registered as a registered nurse	Total	Currently registered as a enrolled nurse	Not currently registered as a enrolled nurse	Total		
	'000	'000	'000	'000	'000	'000	'000	'000
Age (years)								
15 to 34	9.8	*0.7	10.5	*4.4	*1.3	*5.7	*1.3	15.8
Sex								
Male	*0.4	*0.0	*0.4	*1.4	*0.0	*1.4	*0.0	*1.8
Female	27.3	7.0	34.3	7.7	*4.7	12.4	*3.7	46.7
Marital status								
Married	18.2	*5.6	23.8	8.4	*2.8	11.2	*3.0	35.0
Not married	9.4	*1.4	10.9	*0.7	*1.9	*2.6	*0.7	13.5
Family status								
Member of a family	23.0	*5.6	28.6	8.4	*3.7	12.2	*2.6	40.1
Husband or wife	17.4	*5.2	22.7	8.1	*2.8	10.9	*2.6	33.2
Other	*5.6	*0.4	5.9	*0.3	*1.0	*1.3	*0.0	6.9
Not a member of a family or family status not determined	*4.6	*1.4	6.0	*0.7	*1.0	*1.7	*1.1	8.4
Birthplace								
Born in Australia	23.9	*5.3	29.2	*5.4	*3.4	8.7	*1.6	37.5
Born outside Australia	*3.8	*1.7	*5.5	*3.8	*1.3	*5.1	*2.0	11.0
Qualifications								
Certificate	25.2	6.6	31.9	8.7	*4.3	13.1	*3.7	45.3
Other qualification	*2.4	*0.4	*2.8	*0.4	*0.3	*0.7	*0.0	*3.2
Total	27.6	7.0	34.7	9.1	*4.7	13.8	*3.7	48.5

(a) The sum of registered and enrolled nurses does not equal the number of qualified nurses as some nurses are included in both categories.

Source: Career Paths of Qualified Nurses, Australia, March to July 1989 (6277.0).

* CAREER PATHS OF QUALIFIED NURSES *

This publication provides current information on persons in Australia who have ever qualified as either a registered or enrolled nurse. An example of the type of output from the publication is given in the above table.

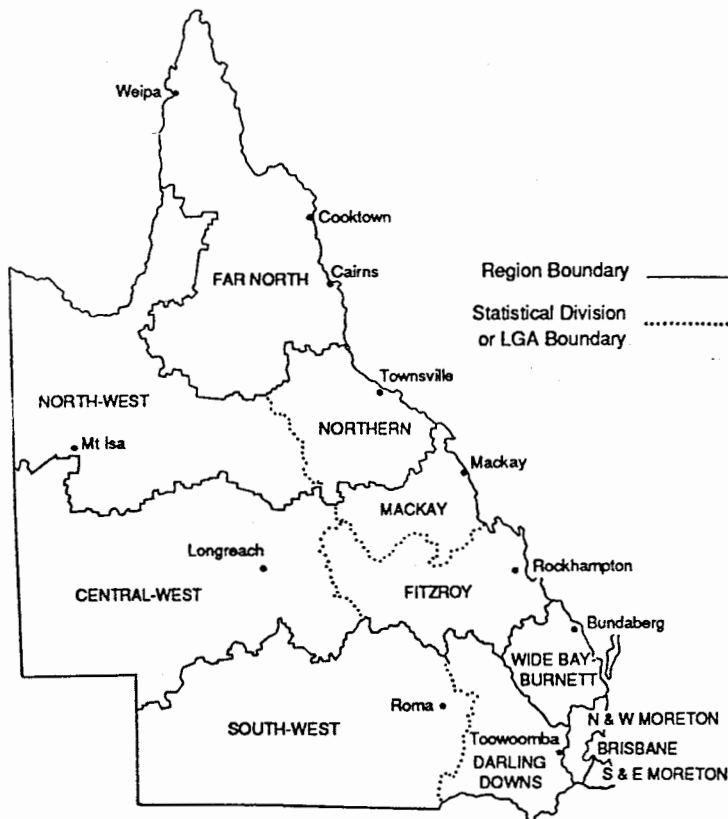
The publication features information on :

- the number of qualified nurses,
- when nursing qualifications were obtained,
- current nurse registration status,
- employment status, including industry and occupation details and
- whether left or had a break from nursing, and if so, when the break occurred and the main reason for the break.

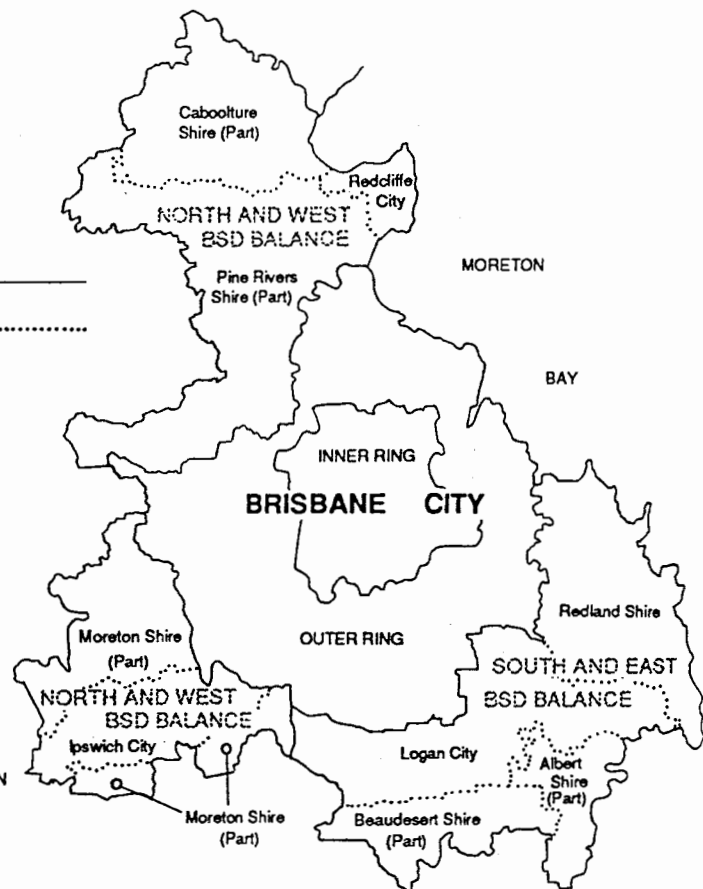
In addition the publication includes a full list of the extensive range of data items collected in the survey that will assist in ordering tailored tables to meet individual requirements.

For further information on available data please contact Rick Lennon on Brisbane (07) 222 6044. To obtain your copy of *Career Paths of Qualified Nurses, Australia, March to July 1989* complete the order form at the end of this publication or contact the ABS Bookshop on Brisbane (07) 222 6352.

STATISTICAL REGIONS, QUEENSLAND



STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



Brisbane City Inner Ring

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including Military Camp)	Kedron	Stafford
Bardon	Fairfield	Kelvin Grove	Stafford Heights
Bowen Hills	Fortitude Valley - Inner	Lutwyche	Taringa
Bulimba	Fortitude Valley - Remainder	Milton	Tarragindi
Camp Hill	Graceville	Moorooka	Toowong
Cannon Hill	Grange	Morningside	West End
Carina	Greenslopes	New Farm	Wilston
Carina Heights	Hamilton	Newmarket	Windsor
Carindale	Hawthorne	Newstead	Woolloongabba
Chelmer	Hendra	Norman Park	Woolloowin
City - Inner	Herston	Nundah	Yeerongpilly
City - Remainder		Paddington	Yeronga

GLOSSARY

Attending school. Persons aged 15 to 19 years who, during the reference week, were enrolled full-time at secondary or high schools.

Attending tertiary educational institution full-time. Persons aged 15 to 24 years who, during the reference week, were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

Average hours worked. Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment. For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Dependants. All family members under 15 years of age, all family members aged 15 to 19 years attending school and all family members aged 15 to 24 years attending a tertiary educational institution full-time.

Duration of unemployment. The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for 2 weeks or more to the end of the reference week.

Employed. Persons aged 15 years and over who, during the reference week:

- (a) worked for 1 hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons);
- (b) worked for 1 hour or more without pay in a family business or on a farm (i.e. unpaid family helpers);
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than 4 weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than 4 weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

Family. Two or more related persons (including relationships by blood, marriage or adoption) usually resident in the same household at the time of the survey. A family comprises a married couple or a family head as defined, together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own or
- (c) any children under 15 years of age who do not have a parent present.

Family head. The parent in the case of a one-parent family or in the case of other groups of related persons, generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

Former workers. Unemployed persons who have previously worked full-time for 2 weeks or more but not in the past 2 years.

Full-time workers. Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Hours worked. The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

Job leavers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements, pay or hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties or any other reasons.

Job losers. Unemployed persons who have worked full-time for 2 weeks or more in the past 2 years and *left that job involuntarily*, that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies or their last job was running their own business and the business closed down because of financial difficulties.

Industry. Classified according to the *Australian Standard Industrial Classification (ASIC), 1983* (Catalogue Nos 1201.0 and 1202.0).

Labour force. For any group, persons who were employed or unemployed, as defined.

Labour force status. A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Marital status. Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

GLOSSARY – continued

Median duration of unemployment. The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not a member of a family. A person who is not related to any other member of the household in which they are living.

Not in the labour force. Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums etc.), trainee teachers, members of contemplative religious orders and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation. Classified according to the *Australian Standard Classification of Occupations (ASCO), 1986* (Catalogue No. 1222.0).

Other families. One-parent families and families in which there is no parent, for example a family head living with a brother or sister.

Participation rate. For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers. Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series. A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 21 of the Explanatory Notes for more detail.

Statistical regions. Classified according to the *Australian Standard Geographical Classification (ASGC), Edition 7.*

Status of worker. Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trend series. A smoothed seasonally adjusted series of estimates. See paragraphs 22 and 23 of the Explanatory Notes for more detail.

Unemployed. Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:
 - (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week) or
 - (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for full-time work. Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work. Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate. For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

EXPLANATORY NOTES

The Population Survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels etc.) and usually covers slightly more than three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

2. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Coverage

3. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraphs 25 to 27 for information about the effect of the coverage rules on family statistics.

4. Persons who are away overseas from their usual residence for less than 6 weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for 6 weeks or more but for less than 12 months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

Supplementary and Special Surveys

5. Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of

the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 37.

6. Summary tables from supplementary surveys released since the previous issue of this publication are included from page 26.

Population Benchmarks

7. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the ABS publication *Australian Demographic Statistics Quarterly* (Catalogue No. 3101.0) because they are necessarily derived from incomplete information about population changes.

8. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

9. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

Revision of Series

10. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

11. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

EXPLANATORY NOTES - *continued***Revision of Series - *continued***

12. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

13. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

14. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in Information Paper: *Questionnaires Used in the Labour Force Survey* (Catalogue No. 6232.0) in March 1978, December 1981, August 1984 and June 1986.

Comparability of Series

15. As noted in paragraph 10, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

16. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

17. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (Catalogue No. 6263.0).

Reliability of Estimates

18. Estimates in this publication are subject to two sources of error.

- (a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.

- (b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Survey Sample Redesign

19. The Labour Force Survey sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see Information Paper: *Labour Force Survey - Sample Design* (Catalogue No. 6269.0).

20. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 160.

Seasonal Adjustment

21. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

Trend Estimation

22. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13 term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

23. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

EXPLANATORY NOTES - continued

Month-to-month Movements

24. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 18.

Family Labour Force Status and Other Characteristics

25. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families.

26. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information was not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions) and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

27. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information could not be obtained from each usual resident. Similarly, families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. A summary of those persons for whom family information was obtained, as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures is contained in Table 12. Generally, family status is determined for more than 90 per cent of all civilians aged 15 years and over.

Related Publications

28. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia, Preliminary (6202.0) - Monthly (\$8.50)

The Labour Force, Australia (6203.0) - Monthly (\$13.00)

The Labour Force, Australia, Historical Summary (6204.0) - Latest issue: 1966 to 1984

Monthly Summary of Statistics (1304.3) - Monthly (\$8.00)

Economic Indicators (1307.3) - Monthly (\$5.00)

Information Paper: *Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) - Latest issue: July 1985

Information Paper: *A Guide to Smoothing Time Series - Estimates of 'Trend'* (1316.0) - Latest issue: 1987

Information Paper: *Time Series Decomposition - an Overview* (1307.0) - Latest issue: 1987

Information Paper: *Labour Force Survey - Sample Design* (6269.0) - Latest issue: August 1987

Information Paper: *Labour Force Survey - Measuring Teenage Unemployment* (6270.0) - Latest issue: October 1987

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in *List of Publications* (Catalogue No. 1101.3). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

30. The ABS can also make available unpublished labour force data on floppy disk, microfiche, photocopy, computer printout or clerically extracted tabulation. Generally, a charge is made for providing unpublished statistics.

31. For further information contact Bevin Morris by telephoning Brisbane (07) 222 6029, or write to Information Services at the Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

Symbols and Other Usages

.. Not applicable.
* Subject to sampling variability too high for most practical uses. (See Technical Notes, paragraphs 8 and 9 regarding reliability of the estimates.)

32. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

TECHNICAL NOTES

Estimation Procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

Data Quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling error* is explained in the Explanatory Notes, paragraph 18(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.22. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

<i>Measure of reliability to be determined</i>	<i>Method</i>
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 0.97.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.06.
Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula.
Standard error of average hours worked.	$RSE(x/y) = [RSE(x)]^2 + [RSE(y)]^2$ Determine the RSE for the number of persons on which the average is based and multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.22.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

TECHNICAL NOTES - continued

TABLE A - STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	440	43.7	340	350	370	370
1,200	480	39.9	380	390	410	400
1,500	530	35.5	420	440	460	450
1,800	580	32.4	470	480	500	500
2,000	610	30.6	490	510	530	530
2,400	670	27.8	540	560	580	580
2,500	680	27.3	550	570	600	590
3,000	740	24.8	610	630	660	650
3,500	800	22.8	660	680	710	700
4,000	850	21.2	710	730	760	760
4,500	900	19.9	750	770	810	800
5,000	940	18.8	800	820	860	850
6,000	1,000	17.1	880	900	940	940
8,000	1,150	14.6	1,000	1,050	1,100	1,100
10,000	1,300	12.9	1,150	1,200	1,250	1,200
20,000	1,750	8.7	1,650	1,700	1,800	1,750
30,000	2,100	6.9	2,050	2,100	2,200	2,200
40,000	2,350	5.9	2,350	2,450	2,550	2,550
50,000	2,600	5.2	2,650	2,750	2,850	2,850
100,000	3,400	3.4	3,850	3,950	4,150	4,100
200,000	4,500	2.2	5,500	5,700	5,900	5,900
300,000	5,200	1.7	6,800	7,000	7,400	7,300
500,000	6,300	1.3	8,900	9,200	9,600	9,500
1,000,000	8,100	0.8	12,800	13,200	13,800	13,700
2,000,000	10,300	0.5	18,500	19,000	19,900	19,700

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	350	370	390	380	380	350	400
1,200	380	410	430	410	410	390	440
1,500	430	460	480	460	470	440	500
1,800	470	500	530	510	510	480	550
2,000	500	530	560	540	540	510	580
2,400	550	580	610	590	600	560	630
2,500	560	600	630	610	610	570	650
3,000	620	660	690	670	670	630	710
3,500	670	710	750	720	730	680	770
4,000	720	760	800	780	780	730	830
4,500	760	810	850	830	830	780	880
5,000	810	860	900	870	880	820	930
6,000	890	940	990	960	960	910	1,050
8,000	1,050	1,100	1,150	1,100	1,100	1,050	1,200
10,000	1,150	1,250	1,300	1,250	1,250	1,200	1,350
20,000	1,650	1,750	1,850	1,800	1,800	1,700	1,950
30,000	2,050	2,200	2,300	2,250	2,250	2,100	2,400
40,000	2,400	2,550	2,700	2,600	2,600	2,450	2,800
50,000	2,700	2,850	3,000	2,950	2,950	2,750	3,100
100,000	3,900	4,150	4,350	4,200	4,200	3,950	4,500
200,000	5,600	5,900	6,200	6,100	6,100	5,700	6,500

TECHNICAL NOTES - continued

Linear Interpolation

12. Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In May 1989 there were 519,000 (X_e) employed females in Queensland. This estimate falls between the values 500,000 (X_l) and 1,000,000 (X_u) in Table A.

13. The standard error of the estimate is determined as follows:

$$\begin{aligned} \text{Firstly calculate } F &= \frac{X_e - X_l}{X_u - X_l} \\ &= \frac{519,000 - 500,000}{1,000,000 - 500,000} \\ &= 0.038 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $SE(X_e)$ thus,

$$\begin{aligned} SE(X_e) &= SE(X_l) + F[SE(X_u) - SE(X_l)] \\ &= 6,300 + 0.038 \times [8,100 - 6,300] \\ &= 6,368 \\ &= 6,400 \text{ rounding to the nearest 100.} \end{aligned}$$

Therefore the standard error of the number of employed females in Queensland in May 1989 (519,000) is 6,400.

TABLE B - STANDARD ERRORS OF MONTHLY MOVEMENTS FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Brisbane (BSD) Statistical Regions					
	Queensland; Brisbane (BSD); Balance of Queensland		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance
	No.	%	No.	No.	No.	No.
1,000	520	52.3	300	280	230	290
1,500	600	40.1	360	340	270	350
2,000	660	33.2	410	380	310	390
2,500	450	28.6	450	420	340	430
3,000	760	25.4	490	460	360	470
4,000	840	21.0	550	520	410	530
5,000	910	18.2	610	570	460	590
6,000	970	16.1	660	620	490	640
8,000	1,050	13.3	740	700	560	720
10,000	1,150	11.5	820	770	610	790
20,000	1,450	7.3	1,100	1,050	830	1,050
30,000	1,700	5.6	1,300	1,250	990	1,300
40,000	1,850	4.6	1,500	1,400	1,100	1,450
50,000	2,000	4.0	1,650	1,550	1,250	1,600
100,000	2,550	2.5	2,200	2,100	1,650	2,150
200,000	3,200	1.6	3,000	2,850	2,250	2,900

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay-Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
	No.	No.	No.	No.	No.	No.	No.
1,000	260	270	310	290	310	290	260
1,500	310	320	370	350	370	350	310
2,000	350	360	410	400	420	400	350
2,500	390	400	460	440	460	440	390
3,000	420	430	490	470	500	470	420
4,000	480	490	560	540	560	540	480
5,000	520	540	620	590	620	590	530
6,000	570	590	670	640	670	640	570
8,000	640	660	760	720	760	720	640
10,000	710	730	830	800	840	800	710
20,000	960	990	1,150	1,100	1,150	1,100	960
30,000	1,150	1,200	1,350	1,300	1,350	1,300	1,150
40,000	1,300	1,350	1,500	1,450	1,550	1,450	1,300
50,000	1,400	1,450	1,700	1,600	1,700	1,600	1,450
100,000	1,900	2,000	2,250	2,150	2,250	2,150	1,950
200,000	2,600	..	..	2,950	3,050	2,900	..

APPENDIX

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia - Latest issue: September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia, May 1988 to April 1989	6317.0
Career Paths of Qualified Nurses, Australia, March to July 1989	6277.0
Child Care Arrangements - Latest issue: June 1987	4402.0
Employment Benefits, Annual - Latest issue: August 1989	6334.0
Income Distribution Survey, Australia, Persons with Earned Income, 1986	6546.0
Job Search Experience of Unemployed Persons, Australia, Two-yearly - Latest issue: July 1988	6222.0
Labour Force Experience, Annual - Latest issue: February 1989	6206.0
Labour Force Status and Educational Attainment, Australia, Annual - Latest issue: February 1989	6235.0
Labour Force Status and Educational Attainment, Australia, Summary, Annual - Latest issue: February 1989	6240.0
Labour Force Status and Educational Attendance (Persons Aged 15 to 24), Annual - Latest issue: September 1989	6272.0
Labour Force Status and Other Characteristics of Families, Annual - Latest issue: June 1989	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and Who Arrived after 1960)	6250.0
Labour Mobility, Annual - Latest issue: February 1989	6209.0
Multiple Jobholding, Two-yearly - Latest issue: August 1987	6216.0
Persons Employed at Home - April 1989	6275.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Not in the Labour Force, Australia, Twice-yearly - Latest issue: September 1989	6220.0
Persons Who Had Re-entered the Labour Force, Australia - Latest issue: May 1987	6264.0
Persons Who Have Left the Labour Force, Australia - Latest issue: April 1988	6267.0
Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work)	6238.0
Successful and Unsuccessful Job Search Experience, June 1986 (previously: Methods of Obtaining Jobs)	6245.0
Superannuation, Australia - Latest issue: November 1988	6319.0
Trade Union Members - Latest issue: August 1988	6325.0
Transition From Education to Work, Annual - Latest issue: May 1989	6227.0
Underemployed Workers, May 1988	6265.0
Weekly Earnings of Employees (Distribution), Annual - Latest issue: August 1989	6310.0

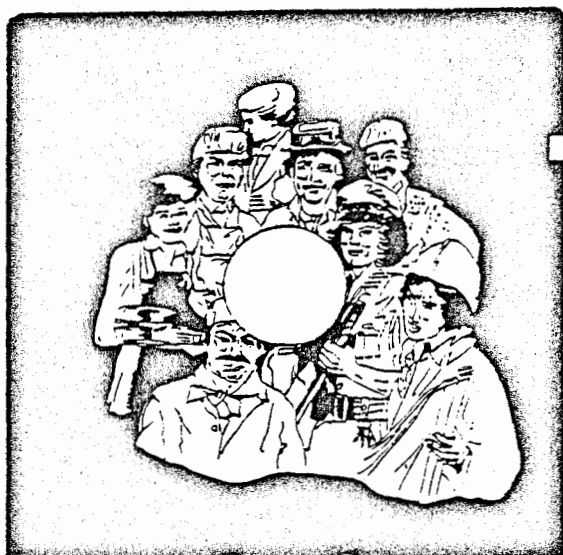
Special tabulations of data from these surveys are available. Please contact Rick Lennon (Brisbane (07) 222 6044) for further information.

CUSTOMISED REPORTS

Summary reports at the national, State and regional level can be prepared for any aspect of the labour force required, or on any aspect of employment, earnings or industrial conditions. Please contact Rick Lennon on (07) 222 6044 for details, or write to Labour Section, Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

* LABOUR FORCE SURVEY DATA *

The ABS offers an extensive range of labour force data on floppy disk



Three services are available:

- Monthly data published in *The Labour Force, Australia, Preliminary* (6202.0) are available, as a subscriber service, on floppy disk (6271.0). The disks contain the most recent 15 months data for every series published in the bulletin.
- Annual revisions to seasonally adjusted and trend data can be obtained on floppy disk in March each year.
- Ad hoc requests for labour force time series, extending back to February 1978, can be serviced on floppy disk. This service covers thousands of series available in the ABS publications *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia*, (6203.0), as well as a range of unpublished data.

For more information contact Rick Lennon on Brisbane (07) 222 6044.

* HOW WORKERS GET THEIR TRAINING, AUSTRALIA, 1989 *

This new publication to be released in June 1990 provides current information from a household based survey on training and education undertaken by people who had worked as wage and salary earners during the 12 months ending July 1989. It will answer, for the first time questions on the type of people getting training and how much training they are getting.

The publication will feature information on:

- socio-economic characteristics such as sex, age, earnings and educational attainment;
- work history details such as occupation, industry and job tenure;
- highest qualification needed to obtain job;
- types of training courses undertaken over a 12 month period;
- time spent on training courses;
- type of support provided by employers for training.

Also, many details about training courses will be available, whether skills gained were transferable to another employer, and the course structure.

The publication *How Workers Get Their Training, Australia, 1989* (6278.0) will also include a full list of the extensive range of data items collected in the survey that will assist you in ordering tailored tables to meet your individual requirements.

For further information on available data please contact Rick Lennon on Brisbane (07) 222 6044. To reserve your copy of *How Workers Get Their Training, Australia, 1989* complete the order form at the end of this publication.